

# 2023 BC Summer Reading Club: Journey Through Time



## Contents

Introduction to BC Summer Reading Club 2023: .....	4
What is BC Summer Reading Club?.....	4
Increasing Inclusion and Accessibility.....	4
Why run a summer reading club? .....	5
SRC 2023: Journey through Time .....	5
Artwork .....	6
Where to find resources.....	7
Who: the people behind BC SRC .....	9
Booklists:.....	11
Picture Books .....	11
Early Readers (mix of picture & easy chapter books) .....	14
Graphic Novels .....	16
Non-Fiction Books .....	18
Novels.....	21
Books in French.....	24
Week 1: Dynamic Dinosaurs – Prehistoric Life .....	26
Storytime .....	26
Activity Sheet #1 – Dynamic Dinosaurs .....	29
Program – Younger Kids .....	30
Program - Older Kids .....	34
Week 2: Living Large – Art, Culture, Daily Life.....	38
Storytime .....	38
Activity Sheet #2 – Living Large .....	40
Program – Younger Kids .....	41
Program - Older Kids .....	45
Week 3: Beautiful Builds – Architecture, Buildings, Bridges.....	49
Storytime .....	49
Activity Sheet #3 – Beautiful Builds .....	52
Program – Younger Kids .....	53
Program - Older Kids .....	57

Week 4: Terrific Transportation – Transportation throughout history and what's to come .....	60
Storytime .....	60
Activity Sheet #4 - Terrific Transportation.....	62
Programs – Younger Kids.....	63
Programs – Older Kids .....	66
Week 5: Ingenious Inventions – Past, Present, and Future.....	69
Storytime .....	69
Activity Sheet #5 – Ingenious Inventions .....	72
Programs – Younger Kids.....	73
Programs – Older Kids .....	77
Week 6: Rollin' with Retro – Retro Classics .....	80
Storytime .....	80
Activity Sheet #6 – Rollin' with Retro .....	82
Programs – Younger Kids.....	83
Programs – Older Kids .....	86
Week 7: Far Out Future – What's to come? .....	88
Storytime .....	88
Activity Sheet #7 – Far Out Future.....	90
Programs – Younger Kids.....	91
Programs – Older Kids .....	95
BC SRC Contact Information: .....	100
Appendices: .....	101
Appendix A – Activity Sheet Credits .....	101
Appendix B – Program Handouts and Printables .....	105

## **Introduction to BC Summer Reading Club 2023:**

Welcome to the 2023 British Columbia Summer Reading Club! This manual was created to assist you in planning, promoting, and implementing the BC Summer Reading Club (BC SRC) in your community. It includes program outlines, booklists, and activity pages corresponding to seven weekly themes. You are free to modify these materials to best suit the needs of your library and community. This manual, and other outreach and promotion resources (including graphics, printable materials, report card “stuffers”, and more), are available online at our Staff Website, [bcsrc.ca/staff](https://bcsrc.ca/staff). Please note additional items will be added to the website as we lead up to the program.

### **What is BC Summer Reading Club?**

If this is your first BC SRC, welcome! And if you've run a couple of clubs or a seasoned veteran, also welcome! BC SRC is working on a host of training materials for all library staff. Please visit [bcsrc.ca/staff](https://bcsrc.ca/staff) for more details!

A good place to start if you are new to BCSRC is with our What is Summer Reading Club brochure. You can find the brochure translated into several languages on the staff page of our website: <https://bcsrc.ca/product/what-is-the-bc-summer-reading-club-brochures/>

If you have any questions about this manual or running BC SRC, please check the staff website for related info first, and if your question isn't answered there you can email the BCSRC Provincial Assistant, Sabrina, at [infobcsrc@bcla.bc.ca](mailto:infobcsrc@bcla.bc.ca)

### **Increasing Inclusion and Accessibility**

A special thanks to our consultant, Dr. Tess Prendergast (UBC iSchool Lecturer) who has offered years of guidance for how to create a more accessible SRC experience for participants.

In addition, Dr. Prendergast provided us with some excellent general best practices:

- Be aware that your audience will always include children of varying abilities.
- Recognize that it is the responsibility of each facilitator to make adjustments and accommodations to best suit the needs of their participants.
- Ensure all program promotions make it clear that these programs are welcoming and inclusive, and that program content should be adaptable.
- Feel comfortable to mix 'n match activities based on the needs and abilities of the children participating.
- Let summer students and/or volunteers know it's OK to adapt a program or activity.
- Make sure your room set-up allows space for kids using wheelchairs and walkers
- When possible, include (good!) books that represent children of different abilities and backgrounds.



- Normalize accommodations and/or participation of a child's caregiver with phrases such as "You can do this activity by yourself or with a partner".
- If an activity includes the use of plants, snacks, (or a substance that may cause an allergic reaction), you may wish to include this info ahead of time to give people advance notice.
- Give families the option to contact you ahead of time to discuss their accessibility needs. Here is some example wording from the Vancouver Public Library's Teen Services department:  
 "Teen Services is working to make our programs accessible to all Vancouver teens. Please email us at *email address* to let us know how our program facilitators can support you to participate fully and comfortably."

## **Why run a summer reading club?**

Summer reading programs encourage kids to read regularly and thus maintain or improve their reading skills during the summer months. The primary goals of BC SRC are to connect with kids over fun, literacy-based activities, like reading; and to promote public libraries as a community resource for year-round, life-long learning. Each library in British Columbia creates its own summer reading club using the BC SRC materials as the starting point.

## **SRC 2023: Journey through Time**

### **Overall theme and weekly themes**

The theme of BC Summer Reading Club for 2023 is *Journey through Time*.

A big shout-out to our wonderful co-chairs who came up with this year's sub-themes that encapsulate the various manifestations and expressions of time travel for programming this summer:

- Dynamic Dinosaurs – Prehistoric life
- Living Large – Art, culture, daily life
- Beautiful Builds – Architecture, buildings, bridges
- Terrific Transportation – Transportation throughout history and what's to come
- Ingenious Inventions – Past, present, and future
- Rollin' with Retro – Retro classics
- Far Out Future – What's to come

As you will see from the programs, storytimes, and activities in this manual there is a lot to work with here! We hope you have as much fun with this year's theme and subthemes as we had coming up with them.

## **Artwork**

Speaking of fun, when this year's artist, Jeni Chen, pitched her concept of dinosaurs and robots for *Journey through Time*, we knew right away that we found someone who *gets it*. Jeni was able to capture the past, present, and future with her bright and bold characters that are bursting with personality. If you look closely, you'll see the different ways that Jeni was able to incorporate this year's sub-themes into the artwork. Be sure to check out Jeni's debut picture book *Emet's Box* and you can learn more about Jeni and her work at [jenichen.com](http://jenichen.com). Don't forget to check out all the different art scenes on the BC SRC staff website.



## **New for 2023**

### **Training and Benchmark Survey**

One of our goals for this year is to create training modules for how to run SRC that we hope will be useful for any staff, especially any summer students. The training will include information on inclusion and accessibility that we hope can be used not only for SRC programming, but for other library programming as well.

To get a better sense of the needs of SRC participants, we will be launching an SRC benchmark survey that is similar to the survey we provide for online participants. The goal is to share this information directly with libraries to learn what impact SRC has on your community.

## **How to use this manual**

- The manual has programs and activities for each weekly subtheme, but you are welcome to mix and match based on the needs of your library.
- Take time to plan what you will do for your programs and be prepared to adapt activities to your participants.
  - Think about what you will do to make all of your participants welcome and engaged, regardless of their age, the group size, and their individual support needs.
- You will receive a survey in September and we would love to hear your anecdotes, what went well, and what we can improve on for next year.
- Activity sheets were formatted to be able to print on demand. Credits for the activity sheets are in [Appendix A – Activity Sheet Credits](#).
- Some programs have documents in [Appendix B – Program Handouts and Printables](#).

## **Where to find resources**

### **Core Physical Materials**

Print materials for this year's SRC include the reading record, stickers, poster, and bookmarks. Funding from Public Libraries Branch, BC Ministry of Municipal Affairs, allows the BC SRC to provide BC public libraries with these materials free of charge. In turn, libraries use the materials in the creation of summer reading programs that are unique to each library and community.

#### **Reading Record:**

The reading record is a fun way for kids to record what they are reading. Building off of last year's design, the reading record includes circles to track a participant's progress with spaces for stickers for every 7 days of reading. We also added space for participants to continue reading beyond the 7 weeks to earn an additional "bonus" sticker. An additional printable supplement is available for libraries for participants who would like to write/draw what they've read this summer. It can be printed and stapled onto the reading record.

Your library may suggest a reading goal (e.g. 15 minutes of reading a day), or you may help a child to set a more appropriate, personalized goal (e.g. days of reading, books/chapters listened to.) And, of course, all reading counts! Children are encouraged to read whatever they wish (story books, information books, comics, and more!) in whatever language they feel most comfortable, including American Sign Language. They can also listen to someone else read or tell stories.

#### **Stickers:**

The reading record has spaces for eight stickers. A sticker can be awarded for each day of reading, or simply on a weekly basis. NOTE: each library

is intentionally provided with an additional 5 % of stickers. This allows you to give them freely to visiting children and not have to worry about running out!

**Bookmarks:**

Many libraries give kids an SRC bookmark when they register; others use them to reward a reading milestone, or as prizes.

**Poster:**

Display posters in the library and throughout your community! Extras are included with the intention that you send them to local schools, community centres, businesses and services in your area.

**Medals:**

Traditionally, these are given to participants who complete the entire reading record or summer reading program. Decide what completion entails in your community and when the medals will be given out. Many libraries have celebrations at the end of the summer at which medals are awarded to participants. This year, libraries may choose to do a virtual celebration or an outdoor event. Please consider inviting local politicians and CUPE BC representatives to thank them for their support and to show the community the importance of literacy and reading promotion.

**Core Digital Materials & Resources**

**Public Website:** [www.bcsrc.ca](http://www.bcsrc.ca)

[www.bcsrc.ca](http://www.bcsrc.ca)

On the public site, participants can find information about the program, a link to join our online reading tracker app, weekly online activities as adapted by the manual, and additional content like quizzes and contests.

**Staff Page:** [bcsrc.ca/staff](http://bcsrc.ca/staff)

Includes the contents of this manual as well as the 2023 BC SRC artwork and logos etc. The link for the staff site can also be found in the bottom footer of the website.

**Online Reading Tracker Web App:** [app.bcsrc.ca](http://app.bcsrc.ca)

First introduced in 2020, we are continuing to offer our online reading tracker app where kids are encouraged to earn digital badges. For safety purposes, caregivers will need to sign their kids up for accounts. All account data from last year has been cleared and any participants from last summer will need to re-register.

## **Who: the people behind BC SRC**

### **Sponsors**

The BC Summer Reading Club is sponsored by the British Columbia Library Association (BCLA) and local public libraries, with funding assistance from Public Libraries Branch, BC Ministry of Municipal Affairs, and CUPE BC. Please consider sending thank-you notes to your local CUPE BC office, the Minister of Municipal Affairs, and your local Library Board, letting them know their support is greatly appreciated.

Recognize the sponsors in your SRC promotional materials and advertisements, as it is with the support of these institutions that public libraries throughout the province can reach over 173,000 children\* with the BC Summer Reading Club program (\*In 2019, pre-pandemic numbers).

### **2023 BC SRC Committee**

The 2023 BC Summer Reading Club is brought to you by a hard-working team:

- BC SRC Provincial Coordinator: Stephanie Usher
- BC SRC Provincial Assistant: Sabrina Gurniak
- Committee Co-Chair: Jennie Castleton and Surrey Libraries
- Committee Co-Chair: Kate Wood
- Activity Sheets Content Creator: Mehjabeen Ali and Surrey Public Library
- Booklists Content Creator: Alicia Dobbs and New Westminster Public Library
- Family Storytime Content Creator: Corene Maret Brown and Port Moody Public Library
- Programs (Ages 5-8) Content Creator: Kelly Savage and Vancouver Public Library
- Programs (Ages 9-12) Content Creator: Erin Crowley and Fraser Valley Regional Library

### **Additional Support**

We are lucky to have an amazing team of people who provide invaluable support to the BC SRC, including:

- Michal Utko, Utko Creative (Graphic Designer and Web Design)
- Dr. Tess Prendergast, Lecturer, UBC iSchool (Inclusion Consultant)
- Mari Martin, Director, Public Libraries Branch, Ministry of Municipal Affairs
- Adrienne Wass, Library Consultant, Public Libraries Branch, Ministry of Municipal Affairs
- Michael Burris and the staff at InterLINK
- James Matsuba and team (Web Developer)
- Anthony Reynolds and Jeff Burke, Spin Key Media (Website Support)

- Cynthia Ford, Project Coordinator, BCLA
- Angie Ayupova, Manager, BCLA
- Rina Hadziev, Executive Director, BCLA



## **Booklists:**

### **Picture Books**

**Prepared By:** Alicia Dobbs, New Westminster Public Library

**Legend:** BC author and/or illustrator (BC); Canadian author and/or illustrator (CA); Available in audio (AUD); Available through CELA (CE), NNELS (NN)

#### **We Are the Dinosaurs, Laurie Berkner, 2017 (NN)**

A vibrant adaptation of Berker's popular song of the same name, this book encourages children to march and stomp along with a parade of colourful dinosaurs.

Theme 1

#### **Duck, Duck, Dinosaur, Kallie George, 2016 (BC)**

Three eggs in a nest begin to hatch. Two are ducks, as expected... but the third is a dinosaur! The three unlikely siblings soon realize that despite their differences, they're at their best when they're together. Some Duck, Duck, Dinosaur titles are available through CELA **(CE)**

Theme 1

#### **Thesaurus has a Secret, Anya Glazer, 2020**

Word-loving Thesaurus is a dinosaur who loves to read but is afraid that the other dinos will make fun of him for his love of literature. Instead, happily, he is met with curiosity and excitement.

Theme 1

#### **Birdsong, Julie Flett, 2019 (CA) (CE) (NN)**

A young girl and her elderly neighbour bond over their shared love for art, crafts, and birds, but what happens as her new friend's health begins to slow down? A touching and heartfelt story about the power of friendship.

Theme 2

#### **Anna at the Art Museum, H.J. Hutchins, 2018 (CA) (NN)**

A young child is frustrated and bored during a visit to the museum, until she begins to see how the artworks relate to her own daily life.

Theme 2

#### **Africville, Shauntay Grant, 2018 (CA) (CE) (NN)**

During a visit to the site of Africville, a Black community in Halifax that was demolished in the 1960s, a young girl imagines what daily life would have been like in the neighborhood.

Theme 2

#### **Malaika's Costume, Nadia Hohn, 2016 (CA) (CE)**

Participating in her first Carnival since her mother left, Malaika worries about getting a suitable costume. With the help of her grandmother, she repurposes scraps to make her own colourful outfit. Malaika's Winter Carnival is available through NNELS **(NN)**

Theme 2, 5

#### **Mary Wears what she Wants, Keith Negley, 2019**

Not too long ago, girls did not wear pants in daily life, only dresses – until young Mary flaunts the rules and dons a pair of trousers. Loosely based on a true story, this book speaks to the power of individuals to challenge societal norms and make change for the future.

Theme 2, 6, 7

**Carpenter's Helper, Sybil Rosen, 2021 (CE) (NN)**

A young girl and her father are renovating their bathroom when their work is interrupted by the discovery of a bird's nest in a cabinet. A story about patience, construction, nature, and collaboration.

Theme 3

**Building Our House, Jonathan Bean, 2013 (CE) (NN)**

Based on the author's own experience as a child, this book follows a family step by step as they build a house in the countryside from scratch.

Theme 3

**Someone Builds the Dream, Lisa Wheeler, 2021 (AUD) (CE) (NN)**

The huge variety of people involved in constructing buildings, parks, and even everyday objects is highlighted in this book celebrating the work of welders, plumbers, typesetters, and more.

Theme 3

**Tug: A Log Boom's Journey, Scot Ritchie, 2022 (BC) (CE) (NN)**

A child joins their father on a tugboat as they bring logs to a Vancouver sawmill. An educational and entertaining look at this step on a tree's journey from forest to consumer.

Theme 3, 4

**Room for Everyone, Naaz Khan, 2021 (NN)**

In this picture book in verse, a minibus traveling to a Zanzibar beach becomes more and more crowded along its journey as more and more people and animals squeeze on. Somehow, there's still always room for more!

Theme 4

**Grandad's Camper, Harry Woodgate, 2021 (CE) (NN)**

Gramps and Grandad once explored the world in their pink camper. With Gramps now deceased, their granddaughter comes up with a special way for her and Grandad to honour his memory: one more travel adventure.

Theme 4, 6

**The Library Bus, Bahram Rahman, 2020 (CA) (CE)**

In Afghanistan, a young girl joins her mother in delivering books and school supplies to remote villages and refugee camps. Based on the true story of the first library bus to operate in Kabul.

Theme 4

**The Most Magnificent Idea, Ashley Spires, 2022 (BC) (CE) (NN)**

What do you do when you run out of ideas? The young girl in this picture book searches high and low, wondering if she'll ever have another idea again. With patience and perseverance, she just might come up with something amazing.

Theme 5

**Rosie Revere, Engineer, Andrea Beaty, 2014 (AUD) (CE) (NN)**

Rosie is a maker of gizmos and gadgets, but ever since her uncle laughed at one of her inventions, she keeps her creations to herself. However, the encouragement of another family member prompts her to keep going despite setbacks.

Theme 5

**How to Code a Sandcastle, Josh Funk, 2018 (CE) (NN)**

Pearl and her robot Pascal take a common childhood problem (a disintegrating sandcastle) and use it to explain how coding works in a remarkably fun and accessible way.

Theme 5

**Bonnie's Rocket, Emeline Lee, 2022 (NN)**

Bonnie's father is an engineer for the Apollo 11 space mission, but she's working on her own project too: a model rocket. Through trial, error, and encouragement, Bonnie's creation is ready to launch just as the Apollo astronauts return from the Moon.

Theme 5, 6

**The Snowy Day, Ezra Jack Keats, 1962 (AUD) (CE) (NN)**

New York Public Library's #1 "Top Check Out of All Time" and one of the first American picture books to feature a Black protagonist, captures the wonder and magic of winter's first snowfall.

Theme 6

**Life on Mars, Jon Agee, 2017 (CE) (NN)**

A young astronaut is looking high and low for life on Mars but is unsuccessful. Is he really alone on the planet, or is there a sneaky alien presence that he just hasn't noticed?

Theme 7

**Every Dog in the Neighbourhood, Philip Stead, 2022 (CE) (NN)**

A child and his grandmother survey the neighborhood's dogs as part of an effort to convince City Hall to turn a nearby vacant lot into a dog park. A great book about noticing something that could be improved, and taking the steps to turn it into reality.

Theme 7

## **Early Readers (mix of picture & easy chapter books)**

**Prepared By:** Alicia Dobbs, New Westminster Public Library

**Legend:** BC author and/or illustrator (BC); Canadian author and/or illustrator (CA); Available in audio (AUD); Available through CELA (CE), NNELS (NN)

### **The Dinosaur Expert, Margaret McNamara, 2018 (CE)**

Dinosaur-loving Kimmy regales her classmates with factoids as they visit the natural history museum. When a classmate tells her that girls can't be paleontologists, she clams up until their teacher (and a famous scientist) help her find her voice again.

Theme 1

### **Nour's Secret Library, Wafa Tarnowska, 2022**

When Nour is forced to take shelter in the basement during the bombing of Damascus, they start collecting books for a secret library. Despite the devastation, the children find refuge in imagination and dreams. Ages 6-9.

Theme 2

### **Iggy Peck and the Mysterious Mansion, Andrea Beaty, 2020 (AUD) (CE) (NN)**

When his friend's aunt inherits a huge old mansion, Iggy must use his encyclopedic knowledge of period architecture (and the help of his friends) to find a set of missing antiques.

Theme 2, 3

### **The Train, Jodie Callaghan, 2020 (CA) (CE) (NN)**

Mi'gmaq journalist Callaghan, inspired by her grandmother and other survivors of Indian residential schools, shares a fictionalized account of survivors' memories of the train that transported children away from their homes and families.

Theme 4

### **Henry Heckelbeck and the Race Car Derby, Wanda Coven, 2021 (CE)**

Henry and his friends are going to race! The only problem is, they have to build their own car. Can he magic together the perfect ride? (Spoiler alert: the only magic needed is the magic of asking for help from a trusted adult – a valuable lesson for all readers!)

Theme 4, 5

### **48 Grasshopper Estates, Sara de Waal, 2021 (BC) (CE)**

Sicily can invent almost anything from everyday materials... but making friends is a lot more difficult. With some creativity and imagination, she just might find companionship in an unexpected way.

Theme 5

### **Cleonardo the little inventor, Mary GrandPré, 2016**

Cleo, Leonardo da Vinci's fictional granddaughter, is determined to help her family achieve greatness at the annual Grand Festival of Inventions – even if her father dismisses all her suggestions. Ultimately, however, both Cleo and her father are reminded that more can be accomplished when we work together.

Theme 5

### **I Survived the Eruption of Mount St. Helens: 1980, Lauren Tarshis, 2016 (AUD) (CE)**

It's May 18, 1980, and Jessie and her friends are in a forest near Mount St. Helens when the volcano erupts. All of them are injured, and Jessie must keep everyone safe until rescue arrives.

Theme 6

**The Stone Thrower, Jael Ealey Richardson, 2016 (CA) (CE) (NN)**

Based on the true story of African-American football player Chuck Ealey, who grew up in a segregated neighbourhood in the 1960s and went on to play in the Canadian Football League. Young Chuck practices his throwing by hurling rocks at passing train cars, leading to his beating the odds and becoming quarterback for his high school.

Theme 6

**Big Papa and the Time Machine, Daniel Bernstrom, 2020**

A child travels with his grandfather through time from the 1940s to 1980s, learning about the difficulties faced by his grandfather in the past and gaining courage to face his own fears.

Theme 6

**Once Upon a Time There Was and Will be So Much More, Johanna Schaible, 2021**

A journey from hundreds of millions of years ago, to the present day, and into the future – a week, a year, a decade from now – inviting the reader to imagine all the amazing possibilities the future holds.

Theme 7

**Time Jumpers: Fast-forward to the Future, Wendy Mass, 2019 (CE)**

A strange magical cube sends two children into the future, complete with flying cars and robots. What is the cube, and how can they find it and use it to return home?

Theme 7

**A small history of a disagreement, Claudio Fuentes, 2020**

Two visions of the future clash in this book about civic engagement. Should a beloved old tree be preserved, or cut down to make room for new science classrooms? The students on each side organize, debate, and eventually come to a satisfying solution for everyone.

Theme 7

**There Must Be More Than That!, Shinsuke Yoshitake, 2020 (CE)**

After hearing that the future of the world is bleak – climate change, war, plagues – a girl looks to her grandmother for reassurance. Gentle and optimistic, she tells her that “Grown-ups act like they can predict the future”, but there are so many possibilities – who knows what will happen?

Theme 7

## **Graphic Novels**

**Prepared By:** Alicia Dobbs, New Westminster Public Library

**Legend:** BC author and/or illustrator (BC); Canadian author and/or illustrator (CA); Available in audio (AUD); Available through CELA (CE), NNELS (NN)

### **Science Comics: Dinosaurs, Fossils and Feathers, M.K. Reed, 2016**

This fascinating introduction to dinosaurs and paleontology looks at how our ideas about dinosaurs have changed over time, and what we have yet to discover about these ancient creatures. Ages 9-12.

Theme 1

### **Magic Tree House (The Graphic Novel): Dinosaurs Before Dark, Jenny Laird, 2021 (CE)**

The 1992 classic retold in an engaging graphic format, Jack and his younger sister Annie are whisked away to the time of the dinosaurs when they find a magic treehouse that allows them to time travel. Ages 6-8.

Theme 1, 6

### **Catherine's War, Julia Billet, 2020 (CE)**

During World War II, budding photographer Rachel must change her name and go into hiding. Despite her circumstances, she is determined to document her experiences as she travels the country, demonstrating the power of art and connection. Ages 9-12.

Theme 2

### **Kitten Construction Company: Meet the House Kittens, John Patrick Green, 2021 (CE)**

After being turned down for a job building the mayor's mansion because she's just "a cute little kitten" (despite her degree in architecture and careful design), cat Marmalade sets out to prove herself with help from some friends. A funny book with a message about making assumptions about others. Ages 6-8.

Theme 3

### **Glam Prix Racers, Deanna Kent, 2021 (BC) (CE)**

Colourful anthropomorphic characters, including a mermaid, must conquer obstacles (including a nefarious cheater) to compete in the high-octane world of race car driving and take home the Glam Prix Cup. Ages 7-10.

Theme 4

### **Prisoner of Shiverstone, Linette Moore, 2022**

Young inventor Helga is on a mission: to rescue mad genius Erasmus Lope from a heavily guarded and mysterious prison island where troublesome scientists have been exiled for generations. Ages 9-12.

Theme 5

### **The Cardboard Kingdom, Chad Sell, 2018 (CE)**

A group of neighbourhood children invent costumes from cardboard and use their imaginations to create adventures with knights, robots, and monsters.

Theme 5

### **Turtle in Paradise: The Graphic Novel, Jennifer L. Holm, 2021 (CE)**



It's 1935, the Great Depression is raging, and 11-year-old Turtle is sent to live with her aunt in Florida, where she teams up with her rascally cousins and gets up to all sorts of antics.

Theme 6

**The Good Fight, Ted Staunton, 2021 (CA)**

It's Toronto in the 1930s. When young pickpocket Sid and his friends are coerced into working for the police, they become caught up in something much bigger – and more dangerous – than they expected. Ages 9-12.

Theme 6

**Isla to Island, Alexis Castellanos, 2022**

12-year-old Marisol must adapt to her new life in 1960s New York after her parents send her there from Cuba. Missing her home, she finds comfort and connection in her school library and the public garden, and slowly colour begins to return to her life. 10 and up.

Theme 6

**Stealing Home, J. Torres, 2021 (CA)**

Young baseball lover Sandy and his family are sent to a Japanese-Canadian internment camp during World War II. The boy and his friends latch on to sport as a way to get through the hardship in this exploration of an important piece of Canadian history. Ages 9-12.

Theme 6

**Sparks! Future Purrfect, Ian Boothby, 2022 (BC) (CE)**

When cats August and Charlie time travel to the past and attempt to change the course of their own lives, they accidentally set off a chain of events that lead to a dystopian future. Funny, with messages about working through mistakes and making your own future. Ages 7-10.

Theme 7

**Gordon: Bark to the Future!, Ashley Spires, 2016 (BC)**

Aliens have invaded, and dog Gordon must travel back in time to stop the invasion before it starts – but he accidentally ends up too far in the past! Gordon must find his own way to solve his problems and set things right. Ages 6-10.

Theme 7

**Astro-Nuts, Jon Scieszka, 2019**

A group of animals are sent into space in order to find a new planet for humanity to live on – as humans, of course, have ruined Earth. Will they succeed in their mission? A fun book that talks about the environment and climate change without being preachy. Ages 9-12.

Theme 7

## **Non-Fiction Books**

**Prepared By:** Alicia Dobbs, New Westminster Public Library

**Legend:** BC author and/or illustrator (BC); Canadian author and/or illustrator (CA); Available in audio (AUD); Available through CELA (CE), NNELS (NN)

### **A Dinosaur Named Ruth, Julia Lyon, 2021**

A picture book biography of little-known Ruth Mason, who found a huge number of fossils in her backyard. After being dismissed by museums and universities for years, it wasn't until she was 80 years old that the importance of her dinosaur discoveries were recognized. Ages 5-8.

Theme 1

### **Dinosaurs of the Arctic, Dana Hopkins, 2019 (CA)**

Explore dinosaurs and other ancient animals that lived in the Arctic long ago. Ages 6-8.

Theme 1

### **Bottle Tops: The Art of El Anatsui, Alison Goldberg, 2022 (NN)**

A picture book biography of Ghanaian artist El Anatsui, who creates enormous cloth-like works made from discarded bottle tops. Ages 7-11.

Theme 2, 5

### **A History of Underwear with Professor Chicken, Hannah Holt, 2022 (CE) (NN)**

From the Paleolithic period to the modern day, nothing is more “everyday” than underwear! Learn about the history of this too often overlooked piece of clothing. Ages 5-9.

Theme 2, 5

### **Why is Art Full of Naked People?, Susie Hodge, 2016**

Centred around 22 questions, this introduction to the world of art provides an engaging and informal look at artists and their creations, from the ancient world to today. Ages 9-12.

Theme 2

### **Ancestor Approved: Intertribal Stories for Kids, Cynthia Leitich Smith, 2022 (AUD) (CE) (NN)**

An anthology featuring stories and poems by new and veteran Indigenous authors and storytellers that celebrate culture, joy, resilience, community, and pride. Ages 8-12.

Theme 2

### **City Across Time, Peter Kent, 2019**

Featuring details on daily life and cross-sections of buildings, this book follows a fictional city as it grows from ancient to modern times, and into the future. Ages 7-10.

Theme 2, 3

### **Peeking Under the City, Esther Porter, 2016**

Take a look at the fascinating world beneath the ground, where the sewer, gas, electrical, and more systems work together to keep the city functioning. Ages 6-9.

Theme 3

### **Atlas of Amazing Architecture, Peter Allen, 2021**

Explore some of the less well known architectural wonders of the world, including Indigenous plank houses in New Mexico, stave churches in Norway, mosques in Iran and Mali, and more. Ages 6-10.  
Theme 3

**Wild Buildings and Bridges, Etta Kaner, 2018 (CA) (CE)**

Read about how architects, inspired by nature, are coming up with new ways to heat and cool buildings, save energy, and even build structures that can withstand earthquakes. Ages 8-12.  
Theme 3, 7

**Incredible Cross-Sections, Stephen Biesty, 2020 (NN)**

See the innermost workings of skyscrapers, vehicles, and more, from Spanish galleons to medieval castles to jumbo jets. Ages 8-12.  
Theme 3, 4

**The Way to School, Rosemary McCarney, 2015 (CA) (NN)**

Photographs from around the world show the long – and sometimes dangerous – journeys that kids make on the way to school every day, crossing rivers, mountains, and more. Ages 6-8.  
Theme 4

**The Way Downtown, Inna Gertsberg, 2017 (CA) (NN)**

In the fictional city of Zoom, five different characters journey downtown and showcase the complex world of public transit.  
Theme 4

**Epic Adventures, Sam Sedgman, 2022 (NN)**

Travel across six continents and 34 countries through twelve of the world's most important railways, from the Orient Express to the Eurostar and the first Transcontinental Railroad. Ages 6-8.  
Theme 4

**Jumbo: The making of the Boeing 747, Chris Gall, 2020 (NN)**

An overview of the making and building of the Boeing 747, the science of how it flies, and how it changed the air industry by making it cheaper for people to travel. Ages 6-9.  
Theme 4, 5

**How to Build a Hug, Amy Guglielmo, 2018**

A picture book biography of Temple Grandin and how she used her love of building and design to create a "squeeze machine" to help both herself and others with similar sensory needs. Ages 6-9.  
Theme 5

**Innovation Nation, David Johnston, 2017 (CA) (CE) (NN)**

From canoes to chocolate bars, this book explores 50 Canadian inventions that changed the world.  
Theme 5

**Brilliant Ideas from Wonderful Women, Aitziber Lopez, 2019 (NN)**

Introduces inventions by (often uncredited) women who came up with the ideas behind everyday items like dishwashers, the Monopoly game, and more.

Theme 5

**Fad Mania! A history of American crazes, Cynthia Overbeck Bix, 2015**

From dance marathons to goldfish swallowing, pop culture fads from the last 100 years are explored in this engaging book for older kids. Ages 10 and up.

Theme 6

**Our Future: How Kids are Taking Action, Janet Wilson, 2019 (CA)**

Features ten children from around the world who have made a difference in their communities through environmental, social, or political activism. Ages 9-12.

Theme 7

**Jobs of the Future, Sofia E. Rossi, 2022 (NN)**

From climatology to robotics to the arts of the future, this book imagines professions that may one day be possible.

Theme 7

## **Novels**

**Prepared By:** Alicia Dobbs, New Westminster Public Library

**Legend:** BC author and/or illustrator (BC); Canadian author and/or illustrator (CA); Available in audio (AUD); Available through CELA (CE), NNELS (NN)

### **Egg Marks the Spot, Amy Timberlake, 2021 (CE)**

Skunk and Badger, two best friends, embark on a rock-hunting trip that becomes more dangerous than they'd anticipated. Spoiler alert: it involves dinosaurs!

Theme 1

### **Dinosaur Boy, Cory Putman Oakes, 2015 (CE)**

Sawyer's grandfather was part Stegosaurus, so he isn't surprised when he grows spikes and a tail just before starting grade 5. He becomes a target for bullies, but when the bullies start mysteriously disappearing, Sawyer and his friends must save them from a terrible fate.

Theme 1

### **Alice Austen Lived Here, Alex Gino, 2022 (AUD) (CE)**

Student Sam is assigned a project to come up with a proposal for a new statue honoring a historical figure. They decide to focus on Alice Austen, a lesbian photographer. They are encouraged by friends and relatives, but must convince their teacher that Alice is just as worthy a subject as the other (straight, male) submissions.

Theme 2

### **The Button Box, Bridget Hodder and Fawzia Gilani-Williams, 2022 (CE)**

After Jewish Ava and her Muslim best friend Nadeem are bullied at school, Ava's grandmother gives her a mysterious box of buttons that allow them to time travel! The girls travel to Morocco in 800 CD, where they must help Nadeem's ancestor usher in a historical Golden Age of religious and cultural harmony.

Theme 2

### **Zachary Ying and the Dragon Emperor, Xiran Jay Zhao, 2022 (CA) (AUD) (CE)**

12 year old Zack must embark on a fantastical adventure inspired by Chinese history and myth as he tries to steal an ancient artifact and seal a dangerous portal, while learning about his own family legacy.

Theme 2

### **The House that Lou Built, Mae Respicio, 2018 (AUD) (CE)**

Crowded by her big family, Lou's dream is to build a tiny house on a plot of land inherited from her father. When her plans are threatened, she must enlist all the help she can get to get the house built as quickly as possible.

Theme 3

### **The Boundless, Kenneth Oppel, 2014 (CA) (AUD) (CE)**

Aboard a gigantic train's maiden voyage across an alternate-history version of Canada, teenaged Will must save the train from villains with the help of a traveling circus.

Theme 4

### **The Barren Grounds, David A. Robertson, 2020 (CA) (AUD) (CE) (NN)**

Morgan and Eli meet in a foster home after being forced away from their homes and family, the two struggle to find a way to feel connected to their culture and each other. Only when they happen upon a mysterious portal in the attic and are transported to another reality, Askí, are they ready for their epic adventure.

Theme 2, 4

**Clean Getaway, Nic Stone, 2020 (AUD) (CE) (NN)**

Troubled student William (or “Scoob”) takes an impromptu road trip with his grandmother - learning about his grandfather, whom he never met, and the fraught racial history of the American South. But as “G’ma” starts acting more and more suspiciously, Scoob must choose between protecting her and getting help.

Theme 4

**The Vanderbeekers on the Road, Karina Yan Glaser, 2022 (AUD) (CE)**

The Vanderbeekers go on a long road trip across the USA, making new friends and seeing sights along the way. But big changes are also coming to the family, and the younger siblings are caught between trying to stop the changes and embracing the unknown.

Theme 4

**We Dream of Space, Erin Entrada Kelly, 2020 (AUD) (CE)**

Three siblings struggle in the weeks leading up to the 1986 launch of the Challenger space shuttle. They have little in common except their science teacher, who has assigned them a project about the launch. When the day finally comes, it changes all of their lives.

Theme 5, 6

**A Rover’s Story, Jasmine Warga, 2022 (AUD) (CE)**

A fictional Mars rover narrates his own journey across the red planet as he gains sentience, meets colleagues, and travels millions of miles across outer space.

Theme 5, 7

**Future Friend, David Baddiel, 2020**

A girl from the year 3020 is thrown back in time to 2019, where she meets a new friend (boy inventor Rahul) and must find her way back to the future... while saving the world, of course.

Theme 5, 7

**Rhino in Right Field, Stacy DeKeyser, 2018 (CE) (NN)**

It’s 1948, and 12-year-old Nick would rather be playing baseball with his friends than helping his strict father at his shop. When a contest to become “batboy for a day” for the local adult league is announced, Nick must find a way to realize his dream despite the obstacles in his way (which yes, do include a rhinoceros).

Theme 6

**Front Desk, Kelly Yang, 2018 (AUD) (CE)**

In the early nineties, Mia Tang’s recently immigrated family runs (and lives in) a California motel. Problems abound, but Mia makes friends everywhere and finds her voice as she helps others and remedies injustices.

Theme 6

**How to Find What You’re Not Looking for, Veera Hiranandani, 2021 (AUD) (CE)**



In the wake of *Loving v. Virginia*, which legalizes interracial marriage in the USA, Jewish preteen Ari must reckon with both her own prejudices and those of her community when her sister falls in love with a young man from India.

Theme 6

**Blackbird Girls, Anne Blankman, 2020 (CE) (NN)**

Two girls, sworn enemies, are thrown together in the aftermath of the Chernobyl explosion. In time, they learn to trust each other and grapple with their own feelings and biases about each other.

Theme 6

**Orange for the Sunsets, Tina Athaide, 2019 (CA) (CE) (NN)**

In 1972 Uganda, friends Asha and Yesofu must navigate the changing word around them after Idi Amin expels those of Indian descent from the country. As tensions are heightened, the two struggle to maintain their friendship.

Theme 6

**The Lion of Mars, Jennifer L. Holm, 2021 (AUD) (CE) (NN)**

When a serious illness strikes the adults of his isolated Mars community, 11-year-old Bell must break the settlement's biggest rule: no contact with foreign countries, ever. Their decision will change the planet forever.

Theme 7

**Stowaway, John David Anderson, 2021 (CE)**

In a post-alien-contact future, Leo and his brother are stranded in the middle of space and must stow away on a ship of space pirates. They have no idea where they're going, but the pirates may be the only hope they have of finding their kidnapped father.

Theme 7

## **Books in French**

**Prepared By:** Alicia Dobbs, New Westminster Public Library

**Legend:** BC author and/or illustrator (BC); Canadian author and/or illustrator (CA); Available in audio (AUD); Available through CELA (CE), NNELS (NN)

CELA can also provide access to Bibliothèque et Archives nationales du Québec's (BANQ) collection of accessible material in French.

### **Dinosaures et animaux disparus (Préhistoire du Québec), Patrick Couture, 2021 (CA)**

An overview of prehistory from the beginnings of life on Earth up to the Ice Age, with cartoon illustrations and an easy to follow format. Each page is dedicated to a different time period, and all of the fossils and creatures discussed once lived in Canada. Non-fiction, ages 8-12.

Theme 1

### **La patate cadeau: ou la "vraie" histoire de la poutine rapée, Diane Carmel Léger, 2014 (CA)**

A fictionalized account of the Depression-era creation of this Acadian potato dish that is still enjoyed during the holidays today. Includes an easy recipe. Easy chapter book, ages 6-8.

Theme 2

### **Mademoiselle Alice qui inventa le cinéma, Sandrine Beau, 2016**

A fictionalized autobiography of Alice Guy, the first woman to create films that told stories, rather than documentaries. Easy chapter book, ages 7-9.

Theme 2, 5

### **La chasse aux taches tenaces, Emilie Demers, 2021 (CA)**

A child spills spaghetti sauce on their white shirt – horror! One by one, each family member tries to "fix" it, resulting in a creatively unique solution. Picture book, ages 3-5.

Theme 2, 5

### **Le chantier, Stéphanie Ledu, 2020**

Step by step, follow the construction of a house, from laying the foundation and walls all the way to the finishing touches. Picture book, ages 4-7.

Theme 3

### **Billy Stuart et le mer aux mille dangers, Alain M. Bergeron, 2019 (CA)**

Billy and his Scout group travel through time and end up on a ship during ancient Grecian times. They must travel through storm, sea monsters, and more before they make it back to land.

Graphic novel, ages 8-11.

Theme 4

### **Monsieur Vroom, Etienne Gerin, 2018**

Mr. Vroom is obsessed with going fast, fast, fast in his racecar! But when he finds himself alone after outpacing everyone, he learns the value of slowing down. Picture book, ages 3-5.

Theme 4

### **Sur Deux Roues, Olivier Melano, 2016**

An illustrated history of the humble bicycle, from its invention in 1820 to the modern day. Non-fiction, ages 9-12.

Theme 4, 5

**Les Timbrés: La momie spatio-temporelle, Dominique Pelletier, 2022 (CA)**

It's History Education Week at school, complete with a time capsule activity and visits to the museum. But when a villain threatens to use a dangerous space-time ray to disrupt the course of history, the students must stop him before his plans can be realized. Graphic novel, ages 7-10.

Theme 5

**Le chandail de hockey, Roch Carrier, 1979 (CA) (CE) (NN)**

This timeless piece of Canadiana, the opening lines of which were even featured on the \$5 bill for a time, is both a love letter to hockey and a glimpse at the historical tensions between francophone and anglophone communities. Picture book, ages 6-8.

Theme 6

**Le Facteur de l'espace, Guillaume Perreault, 2016 (CA)**

Bob is a delivery man – in space. He enjoys his routine of dropping off packages on different planets, but one day, his route changes and he's off exploring parts of space he's never seen before. Graphic novel, ages 8-12.

Theme 7

# Week 1: Dynamic Dinosaurs – Prehistoric Life

## Storytime

**Prepared By:** Corene Maret Brown, Port Moody Public Library

**Welcome Song:** Clap and Say Hello! (*To the tune of the Farmer in the Dell*)

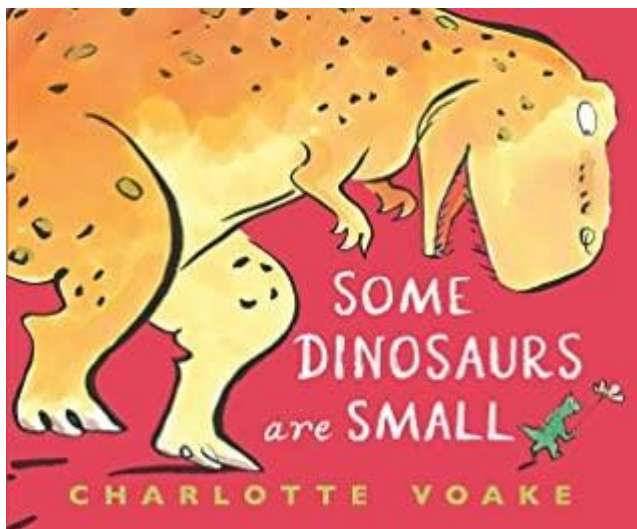
We clap and say hello!

We clap and say hello!

We say hello to all our friends

We clap and say hello!

*You can repeat this with various actions (wave, stretch, tickle, etc.) and get suggestions from the participants.*



**Song:** Dinosaurs in the Swamp (*To the tune of the Wheels on the Bus*)

The Tyrannosaurus Rex went, “Roar, roar, roar!”

“Roar, roar, roar!”

“Roar, roar, roar!”

The Tyrannosaurus Rex went, “Roar, roar, roar!”

All around the swamp

*Extra verses: Pterodactyl’s wings went flap, flap, flap...*

*Stegosaurus’ tail went poke, poke, poke...*

*Apatosaurus’ feet went stomp, stomp, stomp...*

**Song:** One Little, Two Little, Three Little Dinos (*To the tune of Bumping Up and Down in My Little Red Wagon*)

One little, two little, three little dinos

Four little, five little, six little dinos

Seven little, eight little, nine little dinos

Ten little dinos waving at me!

*You can repeat this song and have the dinos perform different actions at the end (roar, stomp, etc). This can work as a felt story or just use your fingers!*

**Story:** *Some Dinosaurs are Small* by Charlotte Voake or *We Are the Dinosaurs* by Laurie Berkner

**Song:** Dinosaurs Have Feathers (*to the tune of Elephants Have Wrinkles*)

*This is a call and response song*

Dinosaurs have feathers, feathers, feathers

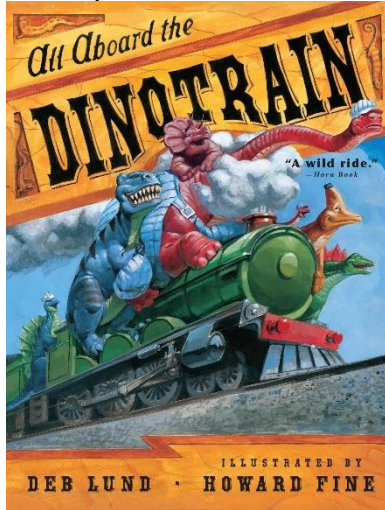
Dinosaurs have feathers – feathers everywhere!

On their toes! (*touch toes*)

*Participants echo: On their toes!*

*No one knows (arms on either side in a questioning pose)*

*Participants: No one knows*



*Why-y-y-y!*

*Repeat with adding extra body parts (knees, belly, elbows, hands, head) until: On their teeth! On their teeth?!?! That's ridiculous!*

**Action Song:** Dinosaur Pokey (*To the tune of the Hokey Pokey*)

*Put your claws in*

*You take your claws out*

*You put your claws in*

*And you scratch them all about!*

*You do the Dino Pokey and you turn yourself around*

*That's what it's all about!*

*Repeat with tail (wiggle it around), feet (stomp them around), teeth (chomp them up and down)*

### **Settling Rhyme:**

Dinosaur, Dinosaur

Dinosaur, dinosaur,

turn around (*turn*)

Dinosaur, dinosaur,

touch the ground

(*touch the ground*)

Dinosaur, dinosaur,

reach up high

(*stretch*)

Dinosaur, dinosaur,

wink one eye (*wink*)

Dinosaur, dinosaur,

touch your noes

(*touch nose*)

Dinosaur, dinosaur,

touch your toes

(*touch toes*)

Dinosaur, dinosaur,

tickle your knee

(*touch knees*)

Dinosaur, dinosaur,

sit down please! (*encourage everyone to sit*)



**Story:** *Dinotrain* by Deb Lund **or**

*Am I Yours?* by Alex Latimer

**Song: I Love My Dinosaurs** *(To the tune of I Bought Me a Rooster)*

I love my tyrannosaur, my tyrannosaur loves me

I fed my tyrannosaur by the prehistoric tree

My little tyrannosaur goes: "Roar roar roar!

Roar roary, roar roary, roar roary roar roar."

*This is a cumulative song. You can add other dinos and their noises and always end with a roar. Other verses: Triceratops (snort), Pteranodon (squawk), Brontosaurus (chomp).*

**Goodbye Song:** Goodbye friends *(to the tune of Goodnight, Ladies)*

Goodbye friends!

Goodbye friends!

Goodbye friends!

It's time to say goodbye!

*This is a great song to integrate ASL for friend, goodbye and time.*





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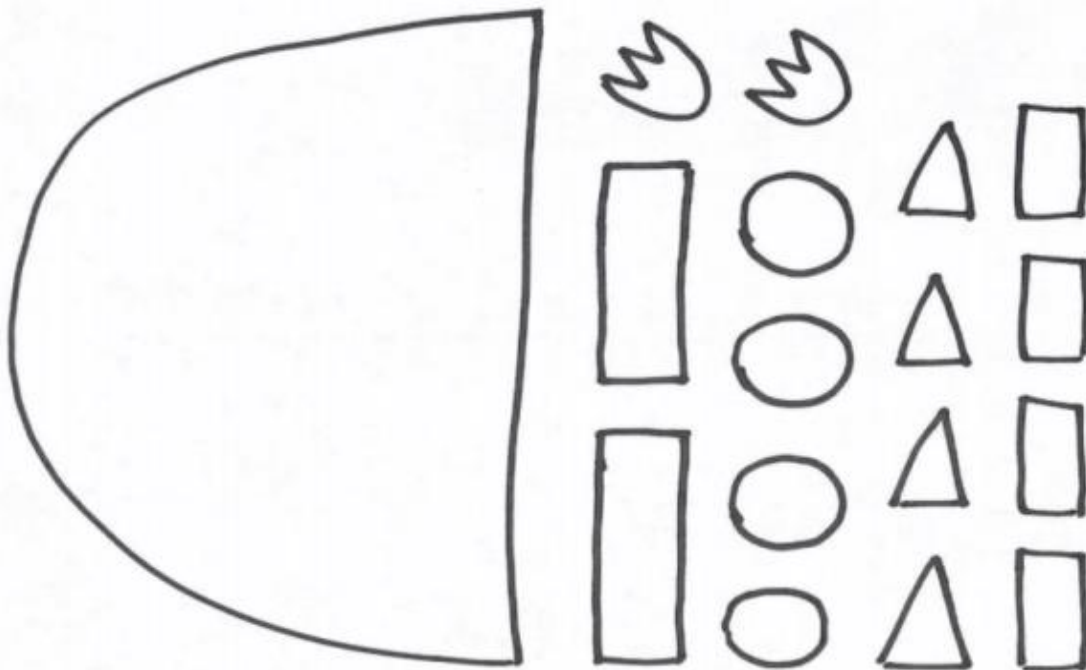
# JOURNEY THROUGH TIME

## Activity Sheet #1 – Dynamic Dinosaurs



### CREATE A DINO

Cut the pieces and make your own dinosaur. Colour, decorate and add your own pieces!



### JOKES

Q: What's as big as a dinosaur but weighs nothing?

A: Dinosaur's shadow.

Q: What do you call a sleeping dinosaur?

A: Dino-snore.

Q: What do you get if you cross a pig with a dinosaur?

A: Jurassic pork.



### OUT & ABOUT

Go outside and look around you. If you invited a dinosaur to lunch, what would you like to make for them?

Here are some menu ideas:

- Leaf and twig salad
- Sweet flower dessert



### TAKE A LOOK AT THESE BOOKS

*Nothing Fits a Dinosaur* by Jonathan Frenske

*My First Book of Dinosaur Comparisons* by Sara Hurst

*My Book of Dinosaurs and Prehistoric Life: Animals and Plants to Amaze, Surprise, and Astonish* by Dr. Dean Lomax

*Dinosaurs Are Not Extinct* by Drew Sheneman

*Some Dinosaurs Are Small* by Charlotte Voake

## **Program – Younger Kids**

**Prepared by:** Jenna Lawrence, Nicola MacNeil, Shenuri Nugawila - Vancouver Public Library

### **Supplies:**

- Poster paper
- [Dinosaur bones printouts](#)
- [Roll-a-dinosaur printouts](#)
- Coloured paper
- Markers/crayons/pencil crayons
- Cardboard
- Yarn
- Scissors
- Glue
- Green paint (optional)
- Googly eyes (optional)

### **Welcome, Introduction, and Icebreaker:**

[10 minutes]

Welcome to this week's Summer Reading Club program. This year, Summer Reading Club is all about journeying through time, and today we are going to go on an adventure back to when dinosaurs roamed the earth. Does anyone want to take a guess how many years ago dinosaurs became extinct? [answer: 65 million years]. Good guesses everyone. To start off, let's play a fun game of Pterodactyl.

#### **Icebreaker Option 1: Pterodactyl**

*Link: "Icebreakers – Pterodactyl and Zip Bing" from [guideinc.org](http://guideinc.org)*

<https://guideinc.org/2015/09/01/icebreakers-pterodactyl-and-zip-bing/>

Everyone stands in a circle and one person is chosen to go first. One at a time, each person turns to the person on their left and says "pterodactyl," going around the circle clockwise as fast as possible. Practice going round the circle a couple of times.

Add a new rule: anyone can reverse the direction of play by turning to the right and making a pterodactyl noise (and arm movements!) instead of saying the word. The noise can be whatever you think a pterodactyl would sound like! The participant receiving the noise can either continue in the new direction (saying "pterodactyl") or can reverse the direction again (by making a pterodactyl noise).

#### **Icebreaker Option 2: Would You Rather?**

Would you rather...

- be a herbivore (a dinosaur who eats only plants) or a carnivore (a dinosaur who eats only meat)
- fly on the back of a pterodactyl or slide down the tail of a brontosaurus
- have a dog the size of a t-rex, or a t-rex the size of a dog
- have a really tall dinosaur for a pet, or a really fast dinosaur for a pet

## **Story:**

[5 minutes]

These are some information books and picture books that you could share with participants. If you are sharing an information book with the participants, flag some fun facts ahead of time. Reading a picture book is an easier alternative that doesn't require flagging pages beforehand, and may be more suited to a younger audience.

### **Information Books**

- ***Hatchlings: Life-Size Baby Dinosaurs* by Kelly Milner Halls**
- ***Prehistoric Actual Size* by Steve Jenkins**
- ***My First Book of Dinosaur Comparisons* by Sara Hurst**
- ***A Dinosaur a Day* by Miranda Smith**

### **Picture Books**

- ***If You Happen to Have a Dinosaur* by Linda Bailey**
- ***Tiny T. Rex and the Impossible Hug* by Jonathan Stutzman**
- ***How Do Dinosaurs Eat Their Food* by Kathleen Krull**

## **Activities:**

[20 Minutes – Choose Multiple Activities for a Longer Program]

### **Activity #1: How big were the dinosaurs?**

Link: "How Big Were the Dinosaurs" from Frugal Fun for Boys and Girls Blog  
<https://frugalfun4boys.com/how-big-were-the-dinosaurs-three-hands-on-ways-to-find-out/.com/>

#### *In advance:*

- Create a life-size drawing of a dinosaur footprint (or a few if you are going to have lots of children).
- Decide if you want the children to trace and cut out their own footprints (more complex), if you want them to trace directly onto the dinosaur print (medium), or if you want to make pre-cut footprints that the children just place inside the dinosaur footprints (less complex) depending on the age of the child and the time available. Consider having some of each complexity level available during the program to foster inclusion (if tracing feet, a child unable to trace can still participate with a pre-cut footprint).

#### *During Activity:*

- Using whichever footprint method(s) you chose, help the children fill the dinosaur footprint with their own footprints.
- If you have prizes available, you can ask the children to guess how many footprints it will take to fill the outline and give a prize to the child who guesses closest to the correct number.

*Questions:*

- What dinosaur created this footprint?
- How many of your feet do you think would fit inside the dinosaur print?
- Which dinosaurs might have had an even bigger footprint?
- Which dinosaurs might have had smaller footprints?

## **Activity #2: Build a dinosaur skeleton (scavenger hunt)**

*Link: Drawn dinosaur bone pieces for scavenger hunt. Six pages, black and white. Created using Canva. [SEE APPENDIX B – Theme 1](#)*

*In advance:*

- Print off lots of the bones, cut them out, and hide them around the children's area. If you have time, you can make a few of your own.
- Lay out a large sheet or sheets of paper for the skeletons to be constructed on.

*During Activity:*

- If you have lots of children, split them into teams.
- Ask the children to find as many of the bones as they can in a set amount of time - five minutes, (or more if you have plenty of time left in your program).
- Once the time limit is over, ask the children to use the bones to construct a dinosaur skeleton - this can be as accurate or as unusual as they like.

*Questions:*

- How do you think the first paleontologists knew what order the bones went in?
- Do you think they could have been wrong?
- Are any parts of the dinosaur missing? (Option: ask the children to draw in any parts that are missing, like claws, spines, teeth, etc.)

## **Crafts:**

[20 Minutes]

### **Craft #1: Roll a Wacky Dinosaur**

*Roll a Wacky Dinosaur Activity Dino Bases and Die Legend. Five pages, in colour.*

[SEE APPENDIX B – Theme 1](#)

*In advance:*

- Print off copies of the base dinosaur shapes from the Canva document (link), as well as the dice legend
- Prep coloured paper, glue sticks, scissors, and googly eyes so the children can build their wacky dinosaur.
- If you have time, you can cut out horns, spikes, legs, arms, mouths and tails that the children can simply glue on, otherwise the children can have fun cutting and customizing their own dinosaurs.

*Instructions:*

- Choose a dinosaur shape to start with as your base

- Children roll the die and consult the legend that shows what to add to their dinosaur.
- Children then cut out legs, arms, tails, spikes etc. and glue them to their dinosaur base.
- The die can be rolled as many times as the children would like, until they are satisfied with their creation.

## **Craft #2: Dinosaur Feet and Hats**

*Link: Dinosaur Preschool Activities: Sensory Stem Fun from Team Cartwright Blog (Dino Feet)*  
<https://team-cartwright.com/dinosaur-preschool-activities/>

*Link: DIY Paper Dinosaur Hat from Paper and Glue Blog*  
<http://www.paper-and-glue.com/2014/09/diy-paper-dinosaur-hat.html>

*In advance:*

- Create some foot and hat templates using the links above
- Prepare coloured paper, glue sticks, scissors, paint (optional), markers, crayons, yarn

*Instructions:*

- Ask children to create and decorate dino-feet or a dino-hat – you can choose one or have both available depending on your capacity.

## **Closing:**

[5 Minutes]

- For a younger group, if you have chosen to make the dinosaur feet or dinosaur hat craft, you can play The Laurie Berkner Band's [We Are the Dinosaurs](#) song (clicking the title links to the song on Laurie Berkner's Youtube page) and encourage the children to stomp around and act like dinosaurs.
- For an older group, or if you have chosen to do the roll a dinosaur craft, you can have the children come up with a name and fictional facts about their wacky dinosaur to share with the group. Example: Tripleyedstinkasaurus ate a diet of broccoli and black licorice and was about the size of a dump truck.

## **Program - Older Kids**

**Prepared by:** Jordyn Siemens, Fraser Valley Regional Library

### **Ice Breaker: Rock, Pterodactyl, T-Rex**

#### **(Rock, Paper, Scissors Tournament)**

- Everyone starts as an “egg”, identified by holding their hands over the head.
- Eggs can only “battle” eggs
- A battle is conducted by best 2 out of 3 in “Rock, Paper, Scissors.”
- When one egg wins, they turn into a “Pterodactyl”, identified by flapping their arms like wings.
- Pterodactyls only battle other Pterodactyls.
- When a Pterodactyl wins a battle, they become a “T-Rex”, identified by hold your arms near your chest like a T-Rex (roaring optional)
- T-Rexes can only battle other T-Rexes
- If a T-Rex loses they become a Pterodactyl, if a Pterodactyl loses, they become an egg, if an egg loses, they stay an egg
- Goal is to end the activity as a T-Rex

*Adaptation* – if this seems too complicated for your group just play Rock, Paper, Scissors

### **Activity: Dinosaur Dioramas (2 options, 3D or paper)**

#### **Overview:**

We often think of dinosaurs all existing at once! But that simply isn't the case. Lots of types of dinosaurs lived millions of years apart. Humans actually lived closer to triceratops (70-65 million years ago), than triceratops lived to megalosaurus (176 to 161 million years ago). See the [Dinosaur Timeline](#) below to get an idea of when each type of dinosaur existed.

With this diorama craft kids can combine their love of dinosaurs with creativity. To make it extra challenging they can pick one time period, Triassic, Jurassic, or Cretaceous, and try and only include dinosaurs that existed within that time period. This may depend on how detailed your plastic/paper dinosaurs are, but it can be part of your discussion. They can select everything they think a dinosaur would need, plant life, water, other dinosaurs, and make a realistic dinosaur scene.

#### **Option 1: 3D Dioramas**

##### *Supplies*

- Shoebox/cardboard box
- Plastic dinosaurs
- Alternately paper cut-outs
- White glue/glue sticks
- Craft moss
- Rocks/pebbles
- Multicoloured tissue paper (blue for water, green for plant life)
- Coloured paper/cardstock

- Pipe Cleaners
- Cotton balls
- Non-fiction books on dinosaurs for inspiration.
- Supplies for optional time traveler twist: Lego people, small trinkets and toys, or stickers.

*Instructions:*

1. If using shoeboxes turn them on their sides so the top is laying flat on the table and the box part is straight up. Using blue paper or cardstock line the inside of the box to act as the sky.
2. From here the kids can get creative. Cotton balls can be used for clouds, streams or ponds can be made from tissue paper, moss can create lush wild life.
3. Pipe cleaners can be used to make trees, and embellished with tissue paper or moss.
4. Rocks can line the water, or just be placed around the scene.
5. The dinosaurs can be placed in the scene.
6. If time permits, let the kids show each other their dinosaur scenes. Ask them to describe what is happening, and why they chose to do what they did.

*Link: First Palette has a great set of instructions with photos:*

<https://www.firstpalette.com/craft/dinosaur-diorama.html>

*Two more links from First Palette with printables of dinosaurs from the Cretaceous and Jurassic periods:*

<https://www.firstpalette.com/printable/dinosaur-cretaceous.html>

<https://www.firstpalette.com/printable/dinosaur-jurassic.html>

*Optional Twist – Time Travelers!*

If you want to make things really interesting, bring in additional small props (Lego/lego people, small trinkets or toys (bouncy balls), stickers, paper clips, toy cars. 10 minutes before your time is up, tell the kids that there are time travelers that have left items behind with the dinosaurs! Let the kids get creative, and see what funny scenes are made.

## **Option 2: Paper Dioramas**

*Supplies*

(budget friendly, and easily adaptable for younger kids or as take and make crafts)

- Diorama backgrounds
- Paper dinosaurs to cut out
  - Or, plastic dinosaurs
- Scissors
- Glue sticks
- Non-fiction books on dinosaurs for inspiration
- Supplies for optional time traveler twist: extra paper cutouts or stickers, funny hats, Lego pieces, modern food, modes of transportation (bikes or cars) etc.



*Instructions:*

1. Print out dinosaur backgrounds (see [Appendix B – Theme 1](#))
  - a. There is a 2D option that is one complete background, or a layered background that you can cut out on cardstock, and tape standing up on another piece of cardstock. This will give a layered look, without as many supplies as option 1.
2. Cut out paper dinosaurs.
3. Glue paper dinosaurs on background.
4. Add optional stickers or cut-outs.

*Optional Twist – Time Travelers!*

If you want to make things really interesting, bring in additional stickers or cut outs. Funny clothing items for the dinos, food, bikes, or cars. 10 minutes before your time is up, tell the kids that there are time travelers that have left items behind with the dinosaurs! Let the kids get creative and see what funny scenes are made.

**Dinosaur Timeline:**

*Link: the information reflected in the dinosaur timeline below comes from Britannica Kids' "Dinosaurs at a glance" article accessed via their online database*

<https://kids.britannica.com/kids/article/dinosaurs-at-a-glance/611164>

**Triassic Period (252 to 201 million years ago)**

Eoraptor (231 to 223 million years ago)

Plateosaurus (229 to 200 million years ago)

**Jurassic Period (201 to 145 million years ago)**

Heterodontosaurus (200 million years ago)

Megalosaurus (176 to 161 million years ago)

Allosaurus (163 to 144 million years ago)

Compsognathus (161 to 146 million years ago)

Archaeopteryx (159 to 144 million years ago)

Ceratosaurus (159 to 144 million years ago)

Diplodocus (159 to 144 million years ago)

Stegosaurus (159 to 144 million years ago)

Brachiosaurus (150 to 130 million years ago)

**Cretaceous Period (145 to 66 million years ago)**

Iguanodon (159 to 99 million years ago)

Apatosaurus (147 to 137 million years ago)

Hypsilophodon (115 to 110 million years ago)

Deinonychus (100 million years ago)

Maiasaura (100 to 65.5 million years ago)

Lambeosaurus (99.6 to 65.5 million years ago)

Oviraptor (99 to 65.5 million years ago)

Euoplocephalus (99 to 65.5 million years ago)

Velociraptor (99 to 65.5 million years ago)

Pachycephalosaurus (98 to 65 million years ago)

Tyrannosaurus rex (80 to 65.5 million years ago)

Ankylosaurus (70 to 65.5 million years ago)

Triceratops (70 to 65 million years ago)



### **Book Suggestions:**

- *I am NOT a Dinosaur* by Will Lach
- *Mighty Dinosaurs* (Bumba Books) Series
- *Dinosaur* by David Lambert
- *Dinosaurs: A Spotters Guide* by M.K. Brett-Surman
- *Weird but True! Dinosaurs: 300 Dino-mite Facts to Sink your Teeth Into*
- *Dinosaur Atlas: When They Roamed, How They Lived, and Where We Find Their Fossils*
- *The Dinosaur Book* by Anne Rooney
- *My First Book of Dinosaur Comparisons* by Sara Hurst

## Week 2: Living Large – Art, Culture, Daily Life

### Storytime

Prepared by: Corene Maret Brown, Port Moody Public Library

**Welcome Song:** Hands are for Clapping (*To the tune of Skip to my Lou*)

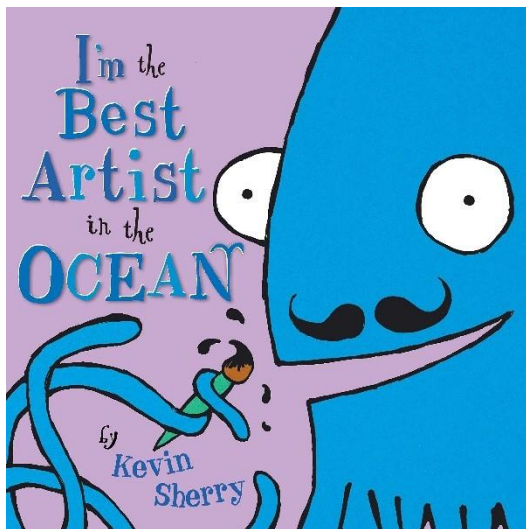
Hands are clapping, clap, clap, clap

Hands are clapping, clap, clap, clap

Hands are clapping, clap, clap, clap

Clap your hands, my darling!

*Repeat with toes are tapping, fingers are snapping, eyes are hiding “peek-a-boo”*



**Song or Chant:** Icky Sticky Bubble gum

Icky sticky bubble gum!

Icky sticky bubble gum!

Icky sticky bubble gum put it on my shoe!

*Mime putting bubble gum on your shoes*

Oh no! That's not where bubble gum goes!

Have to pull it off!

Unstick! Unstick! Unstick! Rip!

*Mime pulling off the gum, failing and then*

*succeeding. You can then ask the kids for their*

*suggestion of where to put the bubble gum*

*(knee, armpit, nose, ear) and then it can finally go in the garbage.*

**Song:** This is the Way We Paint (*To the tune of*

*Here We Go Round the Mulberry Bush*)

This is the way we stir out paint (*mime mixing*)

Stir our paint, stir our paint

This is the way we stir our paint

So early in the morning

*Repeat with extra verses: Dip of brush, paint the paper, blow it dry, frame the picture*

**Song:** Paint with Me (*To the tune of Twinkle, Twinkle Little Star*)

Grab your brush and paint with me

Paint a flower, paint a tree

Paint up high, paint down low

Point in funny circles so

Paint in red or paint in blue

How I love to paint with you!

*This can be done with scarf or you can give the participants dry paintbrushes*

**Story:** *I'm the Best Artist in the Ocean* by Kevin Sherry or

*I Ain't Gonna Paint No More* by Karen Beaumont

**Action:** Paintbrushes in the air (*To the tune of London Bridge is Falling Down*)

Paint your brushes in the air  
Paint it here, paint it there  
Paint your brushes in the air  
Paint with your brushes

Paint it up and paint it down  
Paint your brushes on the ground  
Paint it up and paint it down  
Paint with your brushes

Paint it high and paint it low  
Paint a yes, paint a no  
Paint it high and paint it low  
Paint with your brushes

Paint it fast and paint it slow  
Paint – stop! Paint – go!  
Paint it fast and paint it slow!  
Paint with your brushes

**Action Song:** Painting on My Finger (*To the tune of If You're Happy and You Know It*)

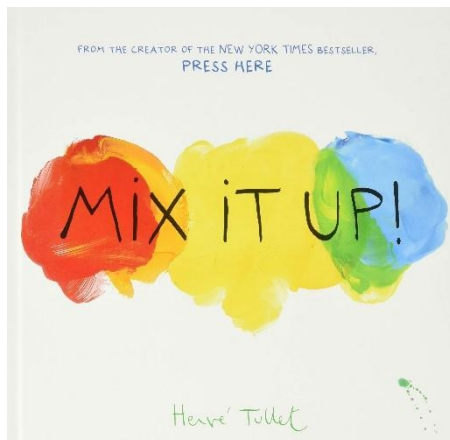
I'm painting on my finger on my finger (x2)

I don't think that I will linger

Cause I'm painting on my finger

Oh, I'm painting on my finger on my finger.

*Painting on my shoe – I think I'll do two, Painting on my knee – Oh my oh gee!, Painting on my elbow – I'll sing Let it Go, Painting on my neck – I'm a bit of a wreck!, Painting on my chin – Oh, it makes me want to grin, Painting on my nose – This is as far as it goes!*



**Settling Rhyme:** I Wiggle My Fingers

I wiggle my fingers, I wiggle my toes  
I wiggle my ears, I wiggle my nose  
I wiggle my shoulders, I wiggle my chin  
I stretch my arms wide and pull them back in  
I wiggle my elbows, I wiggle my knees  
I hop like a bunny, and say "Cheese!"  
Now I have no more wiggles left in me  
And I sit on the floor as still as can be.

**Story:** *Mix it Up!* By Hervé Tullet or

*Windblown* by Édouard Manceau

**Song:** The Paintbrush on the Paper (*To the tune of the Wheels on the Bus*)

The paintbrush on the paper goes

Swish, swish, swish, swish, swish, swish

The paintbrush on the paper goes

Swish, swish, swish, All day long!

*The pencil on the paper goes scratch / The crayons on the paper goes scribble / The play dough on the table goes squish*

**Goodbye Song:** We Wave Goodbye Like This (*To the tune of the Farmer in the Dell*)

We wave goodbye like this! (x3)

We wave goodbye to all our friends, We wave goodbye like this!

## Activity Sheet #2 – Living Large



# JOURNEY THROUGH TIME



### TIMELINE MATCH

You have just travelled back in time! Figure out where you are by drawing a line from the artwork on the left to the matching information on the right.



Greece,  
447 BCE



Italy, 1517



Lascaux, France  
75,000 years ago



Egypt,  
2500 BCE



India, 1653



### TAKE A LOOK AT THESE BOOKS

Here are some titles that might be at your library. Ask staff for other choices too!

*One Day by the Number: A Book of Infographics* by Steve Jenkins

*If Da Vinci Painted a Dinosaur* by Amy Newbold

*Trending: How and Why Stuff Gets Popular* by Kira Vermond



### JOKES

Q: Why did the mummy go for a relaxing spa and massage?

A: He was all wound up!

Q: How is history like a fruitcake?

A: It's full of dates!



### OUT & ABOUT

Go for a walk in your neighbourhood and make a list of 3 things you hear, see and do outside. Then imagine 3 things people could have seen, heard and done outside in 1923. If you bring extra paper you can draw a picture. Get help from an adult if you want to!

1923

Today

## **Program – Younger Kids**

**Prepared by:** Suzy Arbor, Leila Matte-Kaci, Queen Esekhiile, Tiffany Tse, Vancouver Public Library

### **Supplies:**

- Brown craft paper (large roll)
- Pastels in earth tones (oil or chalk)
  - Alternative: markers and crayons
- Tempera paint & spray bottle (optional)
- Sponges (optional)
- Cardstock or thick paper for stencils

### **Welcome, Introduction, and Icebreaker:**

#### **Icebreaker Option 1: Beach Ball Introductions**

Blow up a beach ball and write out questions on each side. These could include: What is your favourite song? What is your favourite artist? What is your favourite food? What is your favourite thing about summer? If you could go anywhere, where would you go? Pass the beach ball to a child. The question that their left thumb lands on is the question they answer. Then they pass it to someone else. Make sure everyone has a turn. You may have to read out the question for participants not reading on their own.

#### **Icebreaker Option 2: This or That / Where Do You Stand?**

Children are asked which of two options they like better. If they like the first option, they stand up. If they prefer the second option, they crouch down. If they like both equally, they squat half up half down. Alternately, you can have children show their preference by standing in the left-hand corner of the room or the right-hand corner. Example: Which is better: chocolate ice cream (stand up or move the left corner) or vanilla ice cream (crouch down or move to the right corner)? Do an art round for example “Abstract Art or Realism?” (Show examples of each). If there are mobility challenges in the group, modify for everyone accordingly, perhaps hands raised, or just saying “ME!”

### **Story:**

#### **Possible read alouds:**

- *Banksy Graffitied Walls and Wasn't Sorry* by Fausto Gilberti
- *Pocket Full of Colors* by Amy Guglielmo
- *The First Drawing* by Mordicai Gerstein

#### **Books to consider for display:**

- *100 Pablo Picassos* by Violet Lemay
- *Amazing Artworks: The World's Biggest, Oldest, Most Jaw-dropping Creations* by Eva Bensard
- *Artists: Inspiring Stories of the World's Most Creative Minds* by Susie Hodge
- *Art Year by Year: A Visual History, from Cave Paintings to Street Art* by Alice Bowden
- *Secrets of the Cave* by Deborah Lock
- *Modern Art Adventures: 36 Creative Hands-On Projects inspired by artists from Monet to Banksy* by Pitamic and Laidlaw

## **Activity: Art Through Time - Rock Art to Street Art**

You can either do these two activities together or choose one or the other. If you do choose to do both you could introduce the activity like this: Who here has ever gotten in trouble for writing or drawing on the walls? It's something most of us have done at one time or another when we were little. You probably got in trouble for it but no one can deny that it's fun ... so that's what we're going to do today! And I think people throughout history would agree with us since some of the earliest paintings that were created by humans were painted on rock walls and in the present time many mural artists and graffiti artists still love painting on walls.

### **Part 1 – Rock Wall Art Mural**

#### *Instructions:*

Using a roll of brown craft paper (or any light brown paper), crumple and uncrumple a large piece and attach it to a wall. This will be your cave wall. If you don't have indoor wall space, consider doing the program outdoors using an exterior wall. Could you display the finished art pieces along the front of your service desk? You can also have smaller pieces of this paper available if kids wanted to work on some art that they can take home. Set out oil or chalk pastels in earth tones. You can also use markers and crayons if pastels aren't available.

Show kids examples of cave art from the books listed above or take a virtual tour of the paintings in **The Caves at Lascaux**: [https://www.youtube.com/watch?v=3\\_aTEcsksZI&t=10s](https://www.youtube.com/watch?v=3_aTEcsksZI&t=10s) (one of the oldest and most famous sites).

#### *Talk about subject matter:*

Sometimes pictures were of things involved in daily life. Talk about techniques and refer back to images shown in the virtual tour. They also drew many legs on an animal and in the flickering firelight it looked like the animal was moving – This was possibly the first animation! Hand prints – There were often handprints in cave paintings as well.

Have kids choose materials and start drawing on the cave wall. Using diluted tempera paint in a spray bottle have kids place their hands on the paper and you can spray an outline of their hand. See examples of technique in this blog post **Off the Wall Cave Painting** [https://learningparade.typepad.co.uk/learning\\_parade/2010/04/off-the-wall-cave-painting-.html](https://learningparade.typepad.co.uk/learning_parade/2010/04/off-the-wall-cave-painting-.html) (For a less messy option they could also just trace around their hands.)

For Discussion – Talk about rock art in Canada

BC has hundreds of sites of petroglyphs (where people remove the first layer of rock) and pictographs. You can use the resources below to see if there are locations near where you live. Some images are sacred and are considered not for everyone's eyes! And some locations are also on sacred ground. Check for protocols with the First Nation on whose unceded territory the sites are located. Images of Canadian Rock Art can be found in the Canadian

Encyclopedia's article on **Pictographs and Petroglyphs**

<https://www.thecanadianencyclopedia.ca/en/article/pictographs-and-petroglyphs>

#### *For Reference*

- More information about pictographs and petroglyphs:  
<https://www.thecanadianencyclopedia.ca/en/article/pictographs-and-petroglyphs>

- More fun activities and images: Google Arts and Culture Chauvet Cave 3D Tour: <https://artsandculture.google.com/pocketgallery/QAWBY6bEoEjpLq?hl=en&pgs=eyJ1YyI6InRoZWFOZltdmldyJ9>
- Google Arts and Culture: Why did prehistoric People Write in Caves? <https://artsandculture.google.com/story/why-did-prehistoric-people-draw-in-the-caves-grotte-chauvet/TwVhKr1gnrB2LQ?hl=en>
- You can search Google maps for “Petroglyphs, BC” and then cross reference locations with The First People’s Map of BC: <https://maps.fpcc.ca/>
- Information on BC’s Petroglyphs and rock paintings: <https://www.museumatcapemudge.com/the-petroglyphs>
- For mood you could play the soundscape from: [https://learning.royalbcmuseum.bc.ca/?post\\_type=&s=petroglyphs](https://learning.royalbcmuseum.bc.ca/?post_type=&s=petroglyphs)

## Part 2 - Street Art Mural

### *Instructions*

On another wall put up a large piece of paper. If you are feeling creative you can add a door, windows, some brick pattern or anything else to make it look like an exterior wall of a building.

Set out thick paper and scissors and an assortment of drawing supplies.

Read ***Banksy Graffitied Walls and Wasn’t Sorry*** by Fausto Gilberti or read excerpts from this CBC Kids article: **Banksy’s \$2 million prank** <https://www.cbc.ca/kidsnews/post/2-million-prank/> to introduce who Banksy is.

Are there appropriate murals or street art in your area that you can show pictures of or talk about? Nelson has the Nelson International Mural Festival (<https://www.ndac.ca/nelson-international-mural-festival/>), Esquimalt has the East West Mural Fest (<https://www.ecah.ca/mural-festival>), Langley has a “mural walk” ([https://www.hellobc.com/listings/vancouver-coast-mountains\\_langley\\_900314145\\_mural-walk/?gclid=EAlaIQobChMImcqmmYXe\\_QlVWx2tBh1srAwKEAMYASAAEgLNevD\\_BwE&gclsrc=aw.ds](https://www.hellobc.com/listings/vancouver-coast-mountains_langley_900314145_mural-walk/?gclid=EAlaIQobChMImcqmmYXe_QlVWx2tBh1srAwKEAMYASAAEgLNevD_BwE&gclsrc=aw.ds)), and Vancouver has the Vancouver Mural Festival (<https://vanmurfest.ca/>) just to name a few.

Using these simple instructions let kids create their own stencils. **Make Your Own Hand Made Stencils** <https://kidmademodern.com/blogs/posts/make-your-own-handmade-stencils>

Use a spray bottle with watered down tempera paint to “spray paint” onto the images or use paint and sponges to dab the paint on to the stencil.

Kids can also use markers, crayons and pencil crayons to draw on the paper wall. For a less messy option you could omit the stencil art and just have kids draw on the paper wall.

### **Activity: Children’s Dance or Hand game from Around the World**

Using a Dance Resource provided by PBS Kids teach children some children’s movement games from various cultures. Either show them two different children’s dances: <https://education.ket.org/resources/dances-many-cultures/>. Or if preferable show them two hand games: <https://www.pbslearningmedia.org/resource/92146ee3-ef6c-411b-a71a-02d988b72e2f/hand-jives/>



Discuss the significance of these dances and the importance of dancing to children all over the world. For more check out KET Education's Dance toolkit:

<https://education.ket.org/collections/dance-toolkit/>

One hand game, called Coconut, is detailed at Childhood, Tradition, and Change, a webpage from a nation-wide Australian study: <https://ctac.esrc.unimelb.edu.au/biogs/E000225b.htm> the "Coconut Crack" page shows the different variations of the game at several schools in Australia in the early 2000s. Here is a video demonstrating the game with a slightly different rhyme:

<https://www.youtube.com/watch?v=ay9JkKtSzI0>

### **Closing:**

Whichever activities you choose, come together at the end to look at and talk about what you have created or give kids a chance to demonstrate dances/games they have learned or knew before the program.



## Program - Older Kids

Prepared by: Erin Crowley, Fraser Valley Regional Library

### **Activity: Collaborative Art Project (2 options)**

Based on your library's capacity, create a collaborative art project with your Summer Reading Club participants to display in your library for the summer. This program can be presented as an active or passive program. All ages can be encouraged to participate. This is a great project to take to a community event over the summer or it works just as well in the library too.

#### **Option 1: Create a collaborative work of art (paint by numbers!)**



##### *Collaborative Supplies:*

Canvas, or large roll of paper  
Paint and paintbrushes  
Easel or wall space  
Projector to transfer image onto paper or easel (optional)  
Pencil for tracing image

##### *Instructions:*

1. Choose or create an image, the bolder, the better. Images with intricate details and many colours will not translate well.
2. Use an online paint by numbers generator to create your image (<https://pbnify.com/> or <https://www.color-dragon.tk/en> which needs javascript to work)
3. Trace the resulting image onto the canvas or roll of paper with a pencil using a projector, labelling each section with the colour numbers. Alternatively, you could free-hand the drawing or blow up the image and trace piece by piece on smaller printouts.
4. Label paint containers with the matching number to the paint by numbers.
5. Invite participants to paint sections of the canvas.
6. Display the canvas in your library until the end of SRC!

#### **Option 2: Have participants create their own murals**

##### *Individual Supplies:*

Individual canvasses or large rolls of paper  
Paint and paintbrushes  
Other craft materials to create mixed-media murals  
Eg. Feathers, tissue paper, magazines  
Create a slideshow of local murals or artwork around your community for inspiration (optional)

*Instructions:*

1. Lay out all crafting materials before the program
2. If using slideshow, set up to have playing throughout the program
3. Take the time to discuss the murals, the artists, the meanings, and the locations of the community art during the program
4. Let the creativity flow!
5. At the end of the program, display the artwork around the library, create signs with the artists names, and have an art show!

**Activity: In-library Treasure Hunt or Outdoor Bingo**

Alternatively, host a treasure hunt at your library or Bingo outside highlighting art and culture within your community. Offer prizes for participants who complete the Bingo and bring it back to the library.

**Supplies:**

1. Bingo Sheets
  - a. <https://osric.com/bingo-card-generator/> to randomize each card
  - b. Canva template attached
2. Bingo stampers or stickers
3. Prizes (optional)

**Ideas for in library treasure hunt clues:**

1. Highlight any community display
2. Highlight any artwork in the library
3. Have the participants find creative ways to get to the next hint/stage (ie. Hop 5 steps)
4. Have them interact with your Summer Reading Club displays

**Ideas for community bingo squares:**

1. Highlight local murals, sculptures, art installations
2. Highlight local parks
3. Have them find items within the city
  - ie. Find a rainbow crosswalk
  - ie. Find a community garden
4. Have them look for people performing daily activities
  - ie. Find someone delivering newspapers
  - ie. Find someone walking their dog
5. Have them perform physical actions while exploring
  - ie. Hop 5 steps

**Outdoor Activity: Chalk Mural**

Host a sidewalk chalk event at the entrance of the library for families and children. This activity would work well with all ages.

## Reflections for the end of the program

Discuss the impact of art and culture within your community.

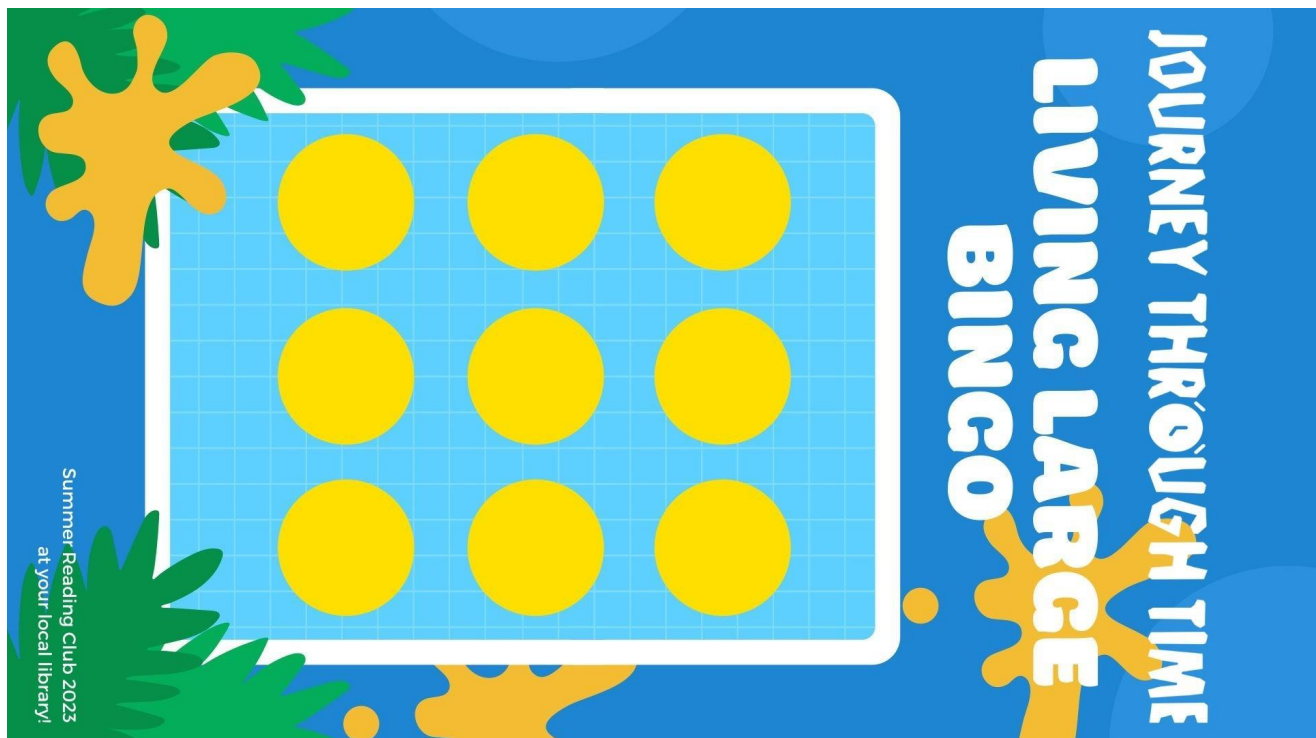
- Community engagement through art
- Community identity – creating a sense of pride and shared sense of belonging
- Learn community history through art
- Connection between art and well-being

(See <https://www.howartworks.ca/why-the-arts>)

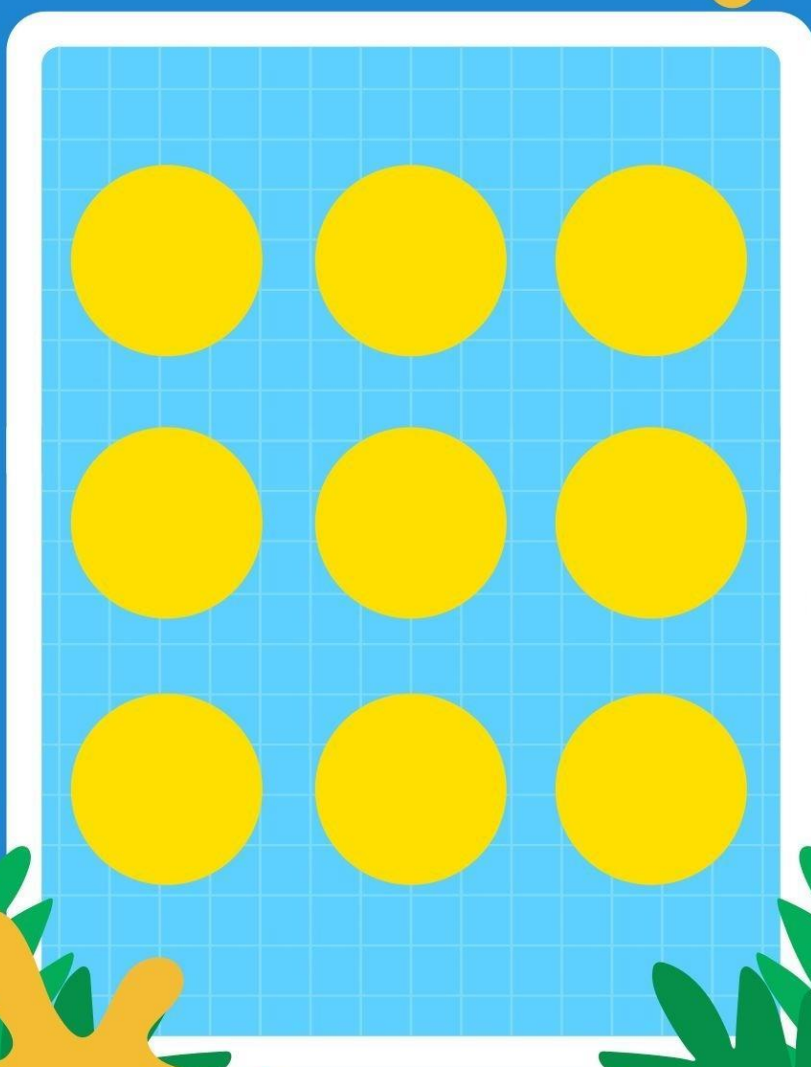
## Books to consider for display:

- *Rez Dogs* by Joseph Bruchac
- *New Kid* by Jerry Craft
- *What Can a Citizen Do?* By Dave Eggers
- *Art Matters: Because Your Imagination Can Change the World* by Neil Gaiman
- *Take Back the Block* by Chrystal D. Giles
- *Almost American Girl* by Robin Ha
- *Rabbit Chase* by Elizabeth LaPensée
- *Art Lab for Kids: 52 Creative Adventures in Drawing, Painting, Printmaking, Paper and Mixed Media-for Budding Artists of All Ages* by Susan Schwake
- *How to be an Explorer of the World: Portable Life Museum* by Keri Smith

## Printable: Bingo Sheets – 2 sizes



# JOURNEY THROUGH TIME LIVING LARGE BINGO



Summer Reading Club 2023  
at your local library!



## Week 3: Beautiful Builds – Architecture, Buildings, Bridges

### Storytime

Prepared By: Corene Maret Brown, Port Moody Public Library

#### Welcome Song: I Wake Up My Hands

*(To the tune of Buffalo Gals)*

I wake up hands with a clap, clap, clap

Clap, clap, clap! Clap, clap, clap!

I wake up my hands with a clap, clap, clap!

Then I wake up my hands some more!

*Continue with extra verses: Wake up feet (stomp), head (nod), eyes (blink), legs (pat), tongue (bleh!)*

#### Song: The Tools We Use *(To the tune of the Wheels on the Bus)*

The ruler in my box goes measure, measure, measure (x3)

While I am building

*Extra verses:* The pencil in my box goes mark, mark, mark

The level in my box goes level, level, level

The hammer in my box goes up and down

The nail in my box goes in, in, in

The saw in my box goes back and forth

The wrench in my box goes turn, turn, turn

The screwdriver in my box goes round and round

*This can be done with real tools or felts*

#### Song: We're Going to Build Today *(to the tune of the Ants Go Marching)*

We're going to build a bridge today  
Hurrah, hurrah!

We're going to build a bridge today  
Hurrah, hurrah!

We'll make it fast, we'll make it strong

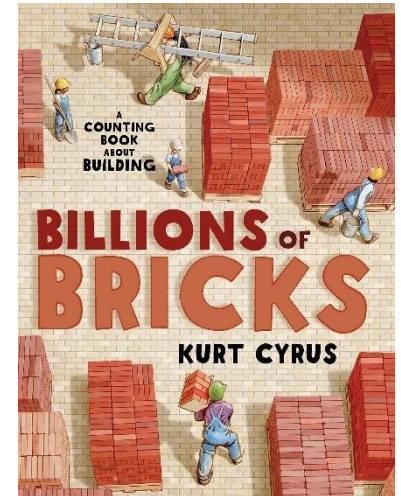
We'll make it tall, we won't take long

And then we'll all walk along

The bridge, we made!

BOOM BOOM BOOM

We're going to build an elevator today  
Hurrah, hurrah!



We're going to build an elevator today  
Hurrah, hurrah!

We'll make it fast, we'll make it strong

We'll make it tall, we won't take long

And then we'll all ride up and down

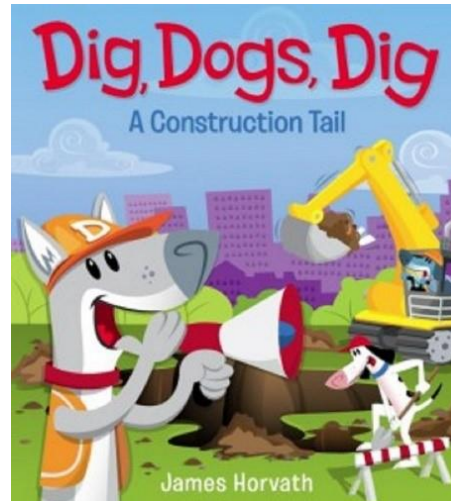
On the elevator, we made!

BOOM BOOM BOOM

*This song can be extended with other structures*

**Book:** *Billions of Bricks* by Kurt Cyrus or  
*Tip Tip Dig Dig* by Emma Garcia

**Action Song:** London Bridge is falling down  
London Bridge is falling down  
Falling down, falling down  
London Bridge is falling down  
My fair lady  
Build it up with silver and gold  
Silver and gold, silver and gold  
Built is up with silver and gold  
My fair lady



**Action Rhyme:** Johnny Taps with One Hammer  
Johnny taps with one hammer (*use one hand like hammer, swinging down*)  
One hammer, one hammer  
Johnny taps with one hammer and then he taps with two!  
*Add another hand and repeat with two hammers. Add a leg tapping for three, etc. Can use legs, eyes, head, and tongue.*

**Action Rhyme:** Building a house  
Building a house is lots of work (*wipe brow*)  
First, you dig up lots of dirt (*pretend to dig*)  
Then you pour a concrete floor (*touch floor*)  
And pound boards with nails galore (*pretend to hammer*)  
Doors and windows go in fast (*draw squares in air with finger*)  
Now your house is done at last (*clasp hands together above head*)

**Action Song:** Let's Go Riding on an Elevator!  
Let's go riding on an elevator (*clap*) Elevator,  
elevator  
Let's go riding on an elevator  
Come along with me! (*Crouch down and with each floor, stand up a little bit until you are stretch up by the sixth floor*) First floor, second floor, third floor, fourth floor, fifth floor, sixth floooooor. Down, down, down, down, down!  
(*quickly sit down*)

**Book:** *Shapes, Reshape!* By Silvia Borando or  
*Construction* by Sally Sutton or *Dig, Dogs, Dig*  
by James Horvath



**Felt Game:** Colourful Community!  
Red house, red housel what do you see? (*clap out the beat*)

*Give the participants clues about what sort of structure it is.*

*I.E. The red house sees something that is long and over water. It's a green bridge!*

*Continue with: Green bridge, green bridge, what do you see?*

*You can use pictures of real buildings in your community or felts*

**Goodbye Song:** We Wave Goodbye Like This *(to the tune of the Farmer in the Dell)*

We wave goodbye like this (x2)

We clap our hands for all our friends

We wave goodbye like this

## Activity Sheet #3 – Beautiful Builds



# JOURNEY THROUGH TIME



### BUILD A BRIDGE

Ancient Romans often used arches in their designs, which allowed a bridge to withstand more force. They are renowned for their large, permanent bridges.



Now it's your turn!

Try to build a bridge that can hold as much weight as possible. You can use whatever materials you have at home or pick up something from the dollar store.

Possible materials:

- Popsicle sticks or toothpicks and liquid glue or elastic bands
- Uncooked spaghetti and elastic bands
- Straws and clear tape
- Building blocks or Lego
- 

Need some ideas? Try this video that shows a few different bridge designs and how to build with spaghetti!

#### Video:

Educational Activities for Kids: Spaghetti Bridges



**Youtube Channel:** James Dyson Foundation

When you have built your bridge, test how much weight it can hold. Try using small stones in a bowl, tin cans, free weights or books.



### OUT & ABOUT

Go for a walk in your neighbourhood with a notebook or piece of paper and write down all the buildings, streets and other landmarks you see. When you get home, try to draw a map of your neighbourhood, including all the landmarks you found.

**More fun:** Imagine you can time travel to your neighbourhood 50 years in the future. What will it look like? Will the buildings look the same? What will be different? Draw a map of what your area will look like in the future – don't forget to label all the changes!



### TAKE A LOOK AT THESE BOOKS

Here are some titles that might be at your library. Ask staff for other recommendations!

*Atlas of Amazing Architecture* by Peter Allen

*The Bridge Battle* by Jacqueline Davies

*Amazing Landmarks* by R.S. Rajan

*The Bridge Home* by Padma Venkatraman

*How Emily Saved the Bridge* by Frieda Wishinsky

*Bridges: Engineering Masterpieces* by Dan Zettwoch



### JOKES

Q: What are 10 things you can always count on?

A: Your Fingers.

Q: Why was the geometry teacher late to class?

A: She sprained her angle.

Q: Why was six afraid of seven?

A: Because seven, eight, nine.

Q: Why was the math textbook always so sad?

A: It had a ton of problems.



## **Program – Younger Kids**

**Prepared by:** Shelby Miller and Liz Price Patel, Vancouver Public Library

### **Supplies:**

- Popsicle Sticks
- LEGO and/or Jenga Blocks
- Paper and Pencils
- Any reusable/recycled cardboard: tubes, boxes, etc.
- Glue
- Markers
- To print: [Ice Breaker Handouts/Cards](#)
- Recycled magazine pages in an array of colors

### **Introduction and Ice Breaker:**

[10 minutes]

Welcome to this week's summer reading club program. Our theme today is "Beautiful Builds." We're going to explore architecture, buildings, and bridges of the past, present, and future! Before we get started, let's play a matching game to get to know some famous structures...and each other.

#### **Icebreaker: Architecture Match**

Hand out pairs of cards with the picture of a building on one and the building's name, architect and some historical information on another. Get the participants to find their buddy and complete the cards! Cards are at end of this program document, in the section [Architecture Match Cards](#).

*For younger children:* Each child receives a photo of a famous building. Children take turns saying their own name and number on their famous building, and you can tell them about the building.

*For smaller groups:* Cut along lines. Mix up photos on table. Children work together to match the photo with the caption. Ask children if they recognize any of the structures. For larger groups: Add more buildings to the template, or additional copies of each pair and have kids gather in groups of 3 or 4.

### **Story:**

**Read aloud [5-10 minutes]**

***The World Is Not a Rectangle* by Jeanette Winter or *Dreaming Up* by Christy Hale.**

#### **Discussion [5 minutes]**

Many famous architects challenged people's ideas of what buildings could look like. Often, they took inspiration from the real world or thought about challenges facing people in their environments and used those to guide their designs. As the architects of the future, what buildings would you design? What elements of the world will you take inspiration from? How can

your buildings solve problems or improve the way that we live? Brainstorm in a group what your buildings could look like.

**Other Literacy Connections:** There are many great books about beautiful and interesting builds, and the cultural and social significance of buildings. Picture books may be used as read alouds, or you could booktalk chapter book fiction or nonfiction as an extension for older children. In addition to the following, look for books about local “builds” of interest near your library. Sometimes what makes a building special is the activities that happen there and the connections that are made in them!

**Other titles:**

- *The Three Hunters* by Raymond Gianfrancesco and the Grade Four Class of Leo Ussak School
- *Journey of the Midnight Sun* by Shazia Afzal
- *Curve and Flow* by Andrea J. Loney
- *Boxitects* by Kim Smith
- *A Book of Bridges: Here to There and Me to You* by Cheryl Keely
- *Shapes, Lines, and Light* by Katie Yamasaki
- *Immigrant Architect* by Berta de Miguel
- *Maya Lin* by Jeanne Walker Harvey
- *Why Humans Build Up* by Gregor Craigie
- *How Was That Built* by Roma Agrawal
- *Amazing Landmarks* by Rekha Rajan
- *Shannen and the Dream for a School* by Janet Wilson

**Activity: [30 minutes]**

### **Design/Build**

You are an architect of the future. What will your structure be? Use discussion questions from the story discussion as prompts. Challenge architects to design buildings on paper first with the goal of having them work in the real world. Exact Design/Build time split is flexible but give a reminder around 10 minutes in to make sure people have time to create their structures. Offer various materials for building models (popsicle sticks, LEGO, cardboard, other recycled materials). Kids can do this activity by themselves, with a partner or in groups.

Younger kids can jump right to building. LEGO blocks can be an alternative to popsicle sticks/glue and other more complicated materials.

### **Optional Extensions**

- Jenga, LEGO (Challenge: Build the tallest LEGO/Jenga tower)
- **LEGO Bridge Challenge:** <https://creativeqt.com/blogs/news/family-steam-challenge-engineering-lego-bridges>
- **Science Sparks Three Little Pigs Challenge:** <https://www.science-sparks.com/three-little-pig-houses/>

**Craft: [10 minutes or Take Home]**

Beautiful Builds is a perfect theme for a range of crafts from simple colouring sheets to more design-oriented activities. Two options:

Use this template to create a collage featuring a bridge(s) or other landmark(s) near you: **How to Make Your Own Golden Gate Bridge Collage:**

<https://www.parksconservancy.org/stories/how-make-your-own-golden-gate-bridge-collage>










**Landmarks Around the World Colouring Pages:** <https://www.pinterest.ca/pin/collection-of-landmarks-around-the-world-coloring-pages-coloring-pages-for-toddlers-in-2022--75435362500649654/>
















### **Closing [10 minutes]**

#### **Gallery Walk**

Ten minutes before the end of the program, invite participants to help clean up supplies and display their finished art/craft/building challenges. Five minutes before the end of the program, invite participants to browse each other's work. Facilitate informal gallery walk conversations with prompts like: What similarities/differences do you see between the works? What is your favourite part of your [project]? Tell me about the materials you used here. What do you wonder about your project or others' projects? Thank everyone for attending.

#### **Architecture Match Cards:**

 	 <p>First People's House Architect Alfred Waugh University of Victoria <a href="#">Photo By Nick Kenrick</a></p>
 	<p>Taj Mahal (<a href="#">Public Domain Photo</a>) Agra, Uttar Pradesh, India, 1653 Board of Architects led by Court Architect to the Emperor Ustad Ahmad Lahauri</p> 
 	 <p>Habitat 67 (<a href="#">Public Domain Photo</a>) Montreal, QC, Canada Architect Moshe Safdie</p>

 	 <p>Golden Gate Bridge  <a href="#">(Public Domain Photo)</a>  San Francisco, CA, USA,  1937  Architect Irving Morrow</p>
 	 <p>Burj Khalifa  <a href="#">(Public Domain Photo)</a>  Dubai, United Arab  Emirates, 2009  Architecture Firm SOM</p> <p>(Current tallest building in the world)</p>
 	 <p>Golden Bridge  <a href="#">(Public Domain Photo)</a>  Da Nang, Vietnam, 2018  Bridge Designer Trần  Quang Hùng</p>
 	<p>Great Pyramid of Giza  <a href="#">(Public Domain Photo)</a>  Giza, Egypt, 2570 BC</p>  <p>Architect may have been  the pharaoh's highest  advisor Hemiunu  Tallest manmade structure  for more than 3800 years</p>
 	 <p>Central Library UNAM  Mexico City, Mexico, 1956  Artist/Designer Juan  O'Gorman</p>

## **Program - Older Kids**

Prepared by: Noor Bains, Fraser Valley Regional Library

### **Introduction:**

This week's theme is Beautiful Builds, these programs celebrate the complex art form that is architecture through fun activities!

### **In-Library Programs:**

#### **Program #1: Over the Bridge (Keva Plank Bridge Program)**

##### *Materials:*

- KEVA Planks (Alternatively: popsicle sticks and tape, Jenga blocks, Legos)
- Marble (Alternatively: rubber ball, ozobots, Sphero, or a Lego car)
- Print outs with picture of different types of bridge structures for inspiration

Set up tables, each station will include a set amount of KEVA planks. Kids will be broken up into groups of 2-5, families will remain as a group, and get a table. Each group will construct a bridge, and the goal is to create a sturdy enough structure that can hold a marble traveling over it. If a group accomplishes this goal, they can receive a prize! The program can also be extended to contain a strength test by putting various objects on the bridge.

##### *Resources:*

[Types of Bridges](#)

[Make Alongs // How to Build the TOWER BRIDGE with KEVA Planks // cantilevers with wooden blocks](#)

[Keva Cam: Cantilever Bridge](#)

#### **Program #2: LEGO Dream House**

##### *Activity #1: Design Your Dream House*

##### *Materials:*

- Paper
- Art supplies (markers, pencil crayons, and crayons)

To start the program have kids put on their architect hats and create a blueprint for their dream house by drawing it out! This is the blueprint they will use to construct their houses. Once they are done with drawing their house, they can then have access to the Legos.

##### *Activity #2: Build Your Dream House*

##### *Materials:*

- Legos

The kids are now going to be putting on their construction hats! Set up tables and have Legos ready to go in bins. In this program, kids will design and build their own dream structure using Legos. At the end of the event, have the kids do a show and tell of their houses. Alternatively, “Build a Dream Home” activity can be done using various craft supplies.

### Program #3: Build a Birdhouse (using early building materials!)

#### Activity #1: Build the Birdhouse

##### Materials:

- Clay (air dry or oven baked clay)
- Branches, leaves, twigs

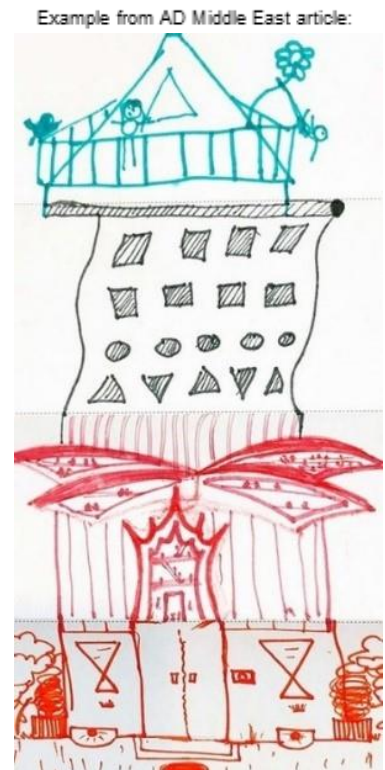
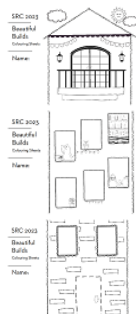
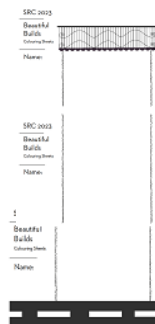
Before there was brick, concrete, metals, and plastics, early building materials consisted of mud, leaves, branches, clay, stone, and timber. These materials are still utilized around the world for making huts and homes. Have a craft program where the goal is to create a structure using clay, sticks, and leaves. For this program we will be building birdhouses! Gather the kids around a table and distribute an even amount of clay to all the kids. Have bins set aside with various decorations the kids can use to add to their birdhouse (e.g. twigs to create a ledge for birds to rest on).

#### Activity #2: Paint the Birdhouse

This is a two-part event. First, kids will join the library to build the birdhouse. Once the activity is over, birdhouses will be kept at the library to either air dry or bake. Families will come back to the library to paint their houses!

### Alternative Passive Program: Build a Building

Build a building in your library using colouring sheets! Inspired by an [article](https://www.designboom.com/architecture/foster-partners-architecture-from-home-challenges-children-04-28-2020/) in AD Middle East (if the link doesn't work for you, this seems to be similar content: <https://www.designboom.com/architecture/foster-partners-architecture-from-home-challenges-children-04-28-2020/> ) Kids may draw/colour levels of a building that can be stacked together to create a building, example below, to display on the library walls. Colouring sheets are available in [Appendix B – Theme 3](#).



### **Suggested Reading List:**

Atlas of Amazing Architecture

The Most Incredible Buildings You've (probably) Never Heard of  
by Allen, Peter

Adventures in Architecture for Kids

30 Design Projects for STEAM Discovery and Learning  
by Chan, Vicky

Construction People

by Hopkins, Lee Bennett

From Mud Huts to Skyscrapers

Architecture for Children  
by Paxmann, Christine

Where's the Architect?

From Pyramids to Skyscrapers : An Architecture Look and Find Book  
by Rebscher, Susanne

Wild Buildings and Bridges

Architecture Inspired by Nature  
by Kaner, Etta



## Week 4: Terrific Transportation – Transportation throughout history and what's to come

### Storytime

Prepared By: Corene Maret Brown, Port Moody Public Library

**Welcome Chant:** Bread and Butter and Marmalade Jam

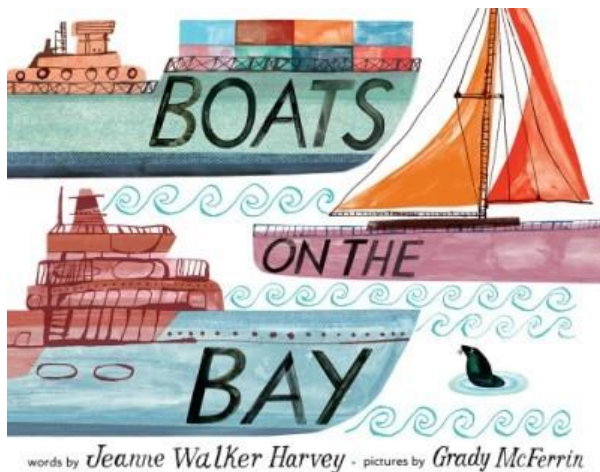
Bread and butter and marmalade jam (*clap the rhythm*)

Let's say hello as fast as we can!

Bread and butter and marmalade jam

Let's say hello as slow as we can! (*say hello as slowly as possible*)

*You can repeat this with different sets of opposites (quiet/loud, high/low, big/small, happy/sad)*



**Song: Have You Ever Seen?** (*To the tune of Have You Ever Seen a Lassie?*)

Have you ever seen a train, (*pretend to be a train*)

A train, a train

Have you ever seen a train

Go chugga-chugga-chugga choo!

Steam this way and that way

And this way and that way (*sway back and forth*)

Have you ever seen a train,

A train, a train

Have you ever seen a train

Go chugga-chugga-chugga choo?

*You can repeat with different forms for transportation (car/drive, sailboat/wave, airplane/zoom)*

### Felt Game

Clap, stomp!

Clap, clap, shake

Can you guess the noise

That I make?

*You can make the noise and then have them guess the mode of transportation. Then have them make the noise with you.*

**Book: Boats on the Bay** by

Jeanne Walker Harvey or

**I'm Fast** by Kate & Jim McMullan





**Action Song:** Walking, Walking (*To the tune of Frere Jacques*)

Walking, walking, walking, walking (*walk in place*)

Hop, hop, hop! Hop, hop, hop! (*hop*)

Running, running, running (*run in place*)

Running, running, running

Now we STOP! Now we STOP! (*halt*)

Driving, driving, driving (*fake driving*)

Stop, stop, stop! Stop, stop, stop (*hold hand up*)

Petal to the metal! Petal to the metal!

Zoom, zoom, zoom! Zoom, zoom, zoom!

**Action Rhyme:** The Airplane

The airplane has great big wings (*arms outstretched*)

Its propeller spins around and sings (*spin one arm*)

The airplane goes up (*lift arms*)

The airplane does down (*lower arms*)

The airplane flies high (*arms outstretched, spin*)

Over the town! (*fly around*)



**Action Chant:** Zoom, Zoom, Zoom

Zoom, zoom, zoom

We're going to the moon

Zoom, zoom, zoom

We're going to the moon

If you want to take a trip

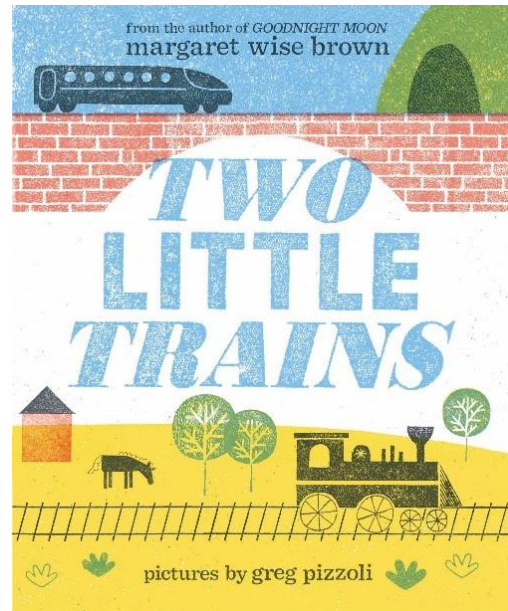
Climb aboard my rocket ship

Zoom, zoom, zoom

We're going to the moon

In 5, 4, 3, 2, 1 – Blast off! (*jump at end*)

**Books:** *Two Little Trains* by Margaret Wise Brown **or** *I Can Make a Train Noise* by Michael Emberley and Marie-Louise Fitzpatrick



**Felt Song:** This Old Train (*to the tune of This Old Man*)

*This works with felts or printed cartoon images*

This little train

Painted black

It comes chugging down the track!

**Chorus:** With a choo-choo, click-clack, hear the whistle blow!

This little train comes rolling home!

*Repeat with extra verses:*

Blue... it has seats for me and you...

Green... it's the fanciest car you've seen...

Grey... takes us places far away...

Pink... it sells snacks to eat and drink...

White... carries us through day and night...

Yellow... shimmies and shakes like a bowl of jello...

This caboose, painted red, it will take you home to bed...

**Goodbye Song:**

Tickle the clouds! Tickle your toes! Turn around And tickle your nose!

Reach down low And reach

uphigh Storytime's over So say goodbye



# JOURNEY THROUGH TIME



## Activity Sheet #4 - Terrific Transportation



### VEHICLES WORD JUMBLE

Unscramble these words! Each one is a different vehicle.

EIBSMUANR

\_\_\_\_\_

OTH RIA OL BONLA

\_\_\_\_\_

XTAI

\_\_\_\_\_

TYOLEMCROC

\_\_\_\_\_

RIEF NENEIG

\_\_\_\_\_

CEAPS PSIH

\_\_\_\_\_

Answers: Submarine, Hot Air Balloon, Taxi, Motorcycle, Fire Engine, Space Ship



### TAKE A LOOK AT THESE BOOKS

*Go, Go, Go!* by Bob Barner

*Unconventional Vehicles*  
by Michael Hearst

*Machines in Motion*  
by Tom Jackson

*Time Jumpers. Fast-forward to the Future*  
by Wendy Mass

*A Journey Through Transportation*  
by Chris Oxlade



### JOKES

Q: What goes up when you count down?

A: A rocket

Q: Why did the pilot paint his jet?

A: He thought it was too plane

Q: What do airplanes and football players have in common?

A: They both have touchdowns



### OUT & ABOUT

Try this vehicle Scavenger Hunt on a trip to the library (or maybe on a road trip!) Put a check mark in the box for the vehicles you find.

☐

car

☐

ambulance

☐

airplane

☐

bicycle

☐

dump truck

☐

mixer

☐

helicopter

☐

motorcycle

☐

train

☐

tractor

## Programs – Younger Kids

**Prepared by:** April Ens, Elizabeth Bryan, Sarah Bagshaw, Alex Matheson, and Dana Ionson  
Vancouver Public Library

### Icebreaker:

Find your match. Print out the images of past and modern vehicles (attached below – [in Appendix B](#)). Hand them out and have participants find their match.

### **Song**

Sing ***Freight Train*** by **Elizabeth Cotten**. Ask kids for suggestions on where they'd like the train to go, or what they'd like to take a trip on instead of the train and change the lyrics accordingly.

Tune: <https://www.youtube.com/watch?v=IUK8emiWabU>

(Title: Freight Train Elizabeth Cotton, Youtube Channel: Bonzo Turrell, Posted: Sept. 15, 2008)

Freight train, freight train, going so fast,  
Freight train, freight train, going so fast,  
Please don't say what train I'm on,  
So they won't know where I've gone.

#### *More Verses*

1. *Destinations*: Going to \_\_\_\_\_, going so fast...

2. *Vehicles*: Subway / Trolley Bus / Airplane / Time Machine (you can use the Icebreaker images for inspiration).

### **Story or Video**

Read a story featuring vehicles. Possible title suggestions:

- ***If I Built a Car*** by **Chris Van Dusen**
- ***All the Way to Havana*** by **Margarita Engle** features old cars in Cuba
- ***Are We There Yet*** by **Dan Santat** includes modern and historical transportation
- ***Mae Among the Stars*** by **Roda Ahmed**
- ***The Princess and the Pit Stop*** by **Tom Angleberger**
- ***Old MacDonald Had a Truck*** by **Steve Goetz & Eda Caban**

Or watch a short preview video outlining the resurgence of the Cedar Canoe Societies and the Paddle to Seattle in 1989. This really shows how traditional forms of transportation can have great importance in contemporary life. <https://www.youtube.com/watch?v=qpxh3EeScqE>  
(Title: Canoe Way the Sacred Journey, Youtube Channel: Cedar Media, Posted: Sept. 1, 2009)

### **Activities: Explore Paper Vehicles**

Create paper trains, airplanes, canoes, kayaks and/or wind-powered cars.

#### **Paper trains**

Design your own train, skytrain, or subway car for your community or school. Print the template attached, then colour and cut out. Fold along the horizontal lines and tape or glue one of the bottom sections on top of the other. Line the cars up or tape together to make a longer train.

- Where will your train take people? Does it travel within a community, or between towns?
- Is it from the past, the future, or today? Can it time travel?
- Will it carry passengers, materials, or something else?
- Does your train have a name? Or a company (like BC Transit, Translink, CN Rail, etc.)

**Expansions:**

- Draw a train track to run the train cars along, or create one with popsicle sticks.
- Using craft materials like boxes or paper bags, create train stations or buildings along the way
- Try linking two or more train cars together with pieces of string taped to the middle bottom of the train cars.

There is an attached template below. The template is inspired by Melanie Hope Greenberg's designs at: <https://www.whatdowedoallday.com/subway-train-coloring-page/>.

**Paper Airplanes**

Create a hanger full of paper airplanes together, decorate them, and see how they fly. Use different coloured paper so each child knows which plane is theirs. Refer to paper airplane books or the websites below for airplane patterns.

- Decorate the airplanes with markers. Name your airplane or airline, and write it on the plane.
- How far do they fly? Mark out distances on the floor with tape or a piece of paper saying how far it is from the start line.
- How much weight can you fly? Use stickers or tape items to the plane such as coins, glass stones, or small pebbles.
- Experiment with different designs, and investigate which fly the best

Helpful paper airplane activity websites:

<https://kidsactivitiesblog.com/77853/stem-paper-airplane-challenge/>

<https://www.engineeringemily.com/4-simple-fun-paper-airplanes-steam-activity-for-kids/>

**Paper Canoes and Kayaks**

Print and colour paper Ojibway Bark Canoes, Sanikiluaarmiut Kayaks, and Nuu-chah-nulth Dugout Canoes. Compare the elegant designs of these three ingenious human-powered vehicles. This activity is from the Canadian Canoe Museum. Print templates from:

<https://canoemuseum.ca/canoe-cut-outs/>

**Wind-powered Cars**

Make a base for a car, then attach a sail. Blow it across the room using a fan or your breath.

If your library has a supply of Lego with wheels, you can use that to build your car, as seen on <https://legolibrarian.com/2018/03/17/lego-challenge-wind-racers/>. Otherwise, make a cardboard car, inspired by: <https://www.sciencebuddies.org/stem-activities/wind-powered-car>

- Cut a square out of cardboard for the base
- Tape two paper straws to the bottom of the cardboard base
- Poke wooden skewers through small plastic lids or circular cardboard "wheels," and run skewers through the straws to attach to the base
- Tape a wooden skewer or pencil to the base as a mast, with a piece of paper as a sail.

## **Closing**

Gather everyone to share and admire each other's creations. What observations do you make about your own, and others vehicles? What would you do differently next time? What do you love about the other vehicles that you see?

## **Programs – Older Kids**

Prepared By: Ellen Toews, Fraser Valley Regional Library – Maple Ridge

### **Ice Breaker:**

Split the group into two and instruct each group to arrange themselves in order of oldest to youngest. The first group to finish correctly wins!

### **Activity #1: Paper Plane Race!**

This activity would work well outdoors.

#### **Supplies**

Plain 8.5 by 11" pages, paperclips (nose weight), and template printouts of different types of folded planes.

For ideas see links: <https://www.foldnfly.com/#/1-1-1-1-1-1-1-1-2>  
<https://homemadeheather.com/free-paper-airplane-printables/>

#### **Instructions**

Each child may fold their paper airplanes and race to transport a paperclip across a finish line!

#### **Optional twists**

Try experimenting with a few different styles of paper planes. Make it interesting and race over something (tables, swing-set, a creek, etc.). Not a race, but which plane flies the farthest? Which plane can safely transport the most paperclips the farthest?

\*\*\*At some point discuss when they think the airplane was first invented (1903), to lead into the next activity – hopefully gives them an anchor point of when the other transport vehicles might have been invented (either before or after the airplane).

### **Activity #2: Transportation Timeline**

#### **Supplies**

Blank pages for drawing/ colouring. Tape/ sticky tack to hang pictures up.

#### **Instructions**

Split kids into groups with a min of 3 and max of 10 teams. Could also be done individually with a smaller group of kids.

Give each group a chance to choose a mode(s) of transportation (MOT) from a bucket. Each group will work together to draw and colour their own version of the transportation on a piece of paper.

Next is a list of possible MOT, use as many or as few as you like for your group. Do not tell them the years:

1. Horse Drawn Carriage (1200s-1600s), 2. Steamboat (1660s), 3. Hot Air Balloon (1783) 4. Trains (1804), 5. Bicycle (1817) 6. Gas engine car (1862), 7.

Motorcycle (1867), 8. Spaceship (1957), 9. Bullet train (1964), 10. Electric car (originally 1890s, but not widely available until early 2010s).

After everyone has finished their drawing, bring them together as a group and talk through what order they think the MOT were invented in (do not have to guess years specifically). Create a timeline with the drawings hanging them in order on a wall, whiteboard, or even from trees or playground equipment if you are outside. After they are done guessing, you can reveal what the correct order is and see how many the group guessed correctly!

### **Reflective questions for after the activities:**

- Why is transportation important?
- What kinds of things do we transport around the world? (Food, clothes, tourists, cars, etc.)
- What are some modes of transportation we have not talked about today? (Subway, submarine, canoe, etc.)
- Was there anything invented earlier than the Horse Drawn Carriage? (Canoes, other wooden boats, dogsleds, etc.)
- How would our lives be different if there were no planes in the world? Or another MOT?
- Where do you think transportation will go next? (Delivery drones?? Deep space??? Who knows?!)

### **Book Suggestions:**

- *The Impact of Travel and Transportation* by Nancy Dickmann
- *Machines in Motion* by Tom Jackson
- *Travel in the Early Days* by Bobbie Kalman & Kate Calder
- *Underground* by Uijung Kim
- *What in the World is Green Transportation?* by Oona Gaarder-Juntti
- For a Heavier read, try:
  - *From Here to There* by HP Newquist

### **Modes of Transportation:**

# Horse Drawn Carriage

Steamboat  
Hot Air Balloon  
Steam Engine Train  
Bicycle  
Gas Engine Car  
Motorcycle  
Spaceship  
Bullet Train  
Electric Car



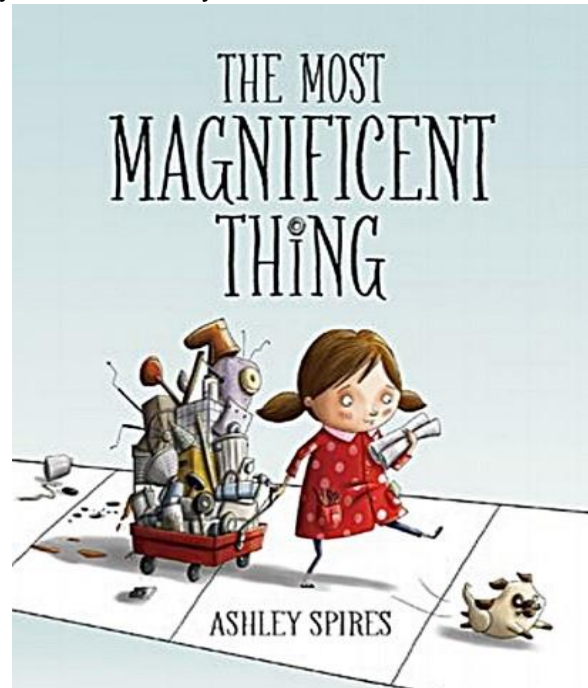
## Week 5: Ingenious Inventions – Past, Present, and Future

### Storytime

Prepared By: Corene Maret Brown, Port Moody Public Library

**Welcome Rhyme:** Hands Go up  
Hands go up and hands go down  
I can turn them round and round  
I can tap upon my shoes  
I can smile, so can you  
I can wave, I'll show you how  
Storytime is starting now

**Action Song:** Stick to the Glue by Jim Gill (*to the tune of Skip to My Lou*)  
Clapping hands one and two (x2)  
But what if one hand is covered with glue?  
Stick to the glue my darling! (*pretend that hands are stuck together*)  
Glue, glue, stick to the glue! (x3)  
Stick to the glue my darling!  
*Repeat with extra verses: Stamping feet, knocking knees, blinking eyes, hugging friends*



**Felt Rhyme:** Five Little Nails  
Five little nails, standing straight  
and steady.  
Here I come with my hammer  
ready!  
Bam Bam Bam!  
That nail goes down.  
Now there's just four nails to  
pound.  
*Continue until you have none left.*

**Book:** *What Do You Do With an Idea?* By Kobi Yamada  
*The Most Magnificent Thing* by  
Ashley Spires

**Action Song: The Elevator Song**  
Oh, the city is great and the city is grand

There are lots of tall buildings  
On a little piece of land  
We live way up on the fifty-seventh floor  
And this is what we do  
When we go out the door  
Take the elevator up, take the elevator down  
Then we spin around (spin around)

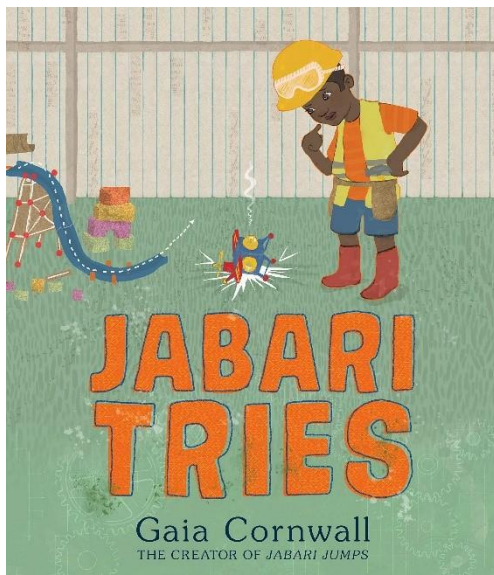
**Interactive Rhyme: Inventor's Brew**

*This rhyme works well with a large bowl and a stirring spoon. You can have prepared "ingredients" for felt or have the children mime putting something in the bowl as you mix it.*

Inventor's brew! Inventor's brew!  
What will we put in the inventor's brew?  
*After they have exhausted their suggestions:*  
Inventor's brew! Inventor's brew!  
Let's see what comes out of our inventor's brew!  
*Pull out a little felt or stuffed robot!*

**Action Song: The Robot Dance** (*to the tune of the Wheels on the Bus*)

The arms of the robot swing up and down,  
Up and down, up and down,  
The arms of the robot swing up and down,  
All around the room.  
*Continue with extra verses:* The legs of the robot move back and forth...  
The head of the robot turns side to side...  
The buttons on the robot blink on and off...  
The voice of the robot says beep, beep, beep...



**Book: *Jabari Tries*** by Gina Cornwall **or *If I Built a Car*** by Chris Van Dusen  
**or *Astro Girl*** by Ken Wilson-Max

**Rhyme:** There is an Inventor on My  
Street There is an inventor on my street  
(*pat out the rhythm*) They make rocket  
shoes for little feet!  
With a bang (x10)  
Inventing things the whole day long  
Inventing things soft and strong!  
With a bang (x10)

**Rhyme:** Five Purple Potions

Five purple potions

For the inventor to test

One grew

Two grew

And so did all the rest

They grew and they grew and they didn't stop!

They grew and they grew until they

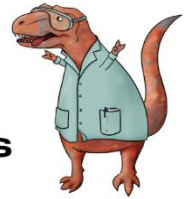
POPPED!

*Can repeat with different coloured potions and sounds at the end.*

**Closing Song:** Repeat opening song but change the last line to: "Storytime is ending now."



# JOURNEY THROUGH TIME



## Activity sheet #5 –Ingenuous Inventions



### PAST, PRESENT, & FUTURE INVENTIONS

Circle the correct word to show if the invention was used in the past, is used in the present, or might be used in the future.



past present future



past present future



past present future



past present future



past present future



past present future



past present future



past present future

Answers: future, past, present, past, present, past, present, past, present, future



### TAKE A LOOK AT THESE BOOKS

*100 Things to Know About Inventions* by Clive Gifford

*How Things Work: Then and Now* by T.J. Resler

*Kid Innovators: True Tales of Childhood From Inventors and Trailblazers* by Robin Stevenson



### JOKES

Q: Did you hear what happened to the inventor of sandpaper?

A: He had a "rough" time.

Q: What happened to the inventor of the knock knock joke?

A: He won the "no-bell" prize.



### OUT & ABOUT

Pretend the year is 2030. You and your family are going on a camping trip. Think of 2 or 3 things that you would invent to help you camp and enjoy the great outdoors. It can be anything from a clever tool to a futuristic tent. Put your imagination to work!



## Programs – Younger Kids

**Prepared by:** Dana Ionson, April Ens, Elizabeth Bryan, Sarah Bagshaw, Alex Matheson, Vancouver Public Library

### Ice Breaker

#### **Introduction:**

Today we're going to talk about inventions and imagine we are inventors! Humans have always used inventions to solve problems. Some inventions are so important that they are still in use today!

Look at all of the inventions here and work together to create a timeline of inventions. What inventions do you think are the oldest? What are the newest? Put the pictures of inventions in order from oldest to newest.

#### **For presenter:**

Print out and cut out the pictures of inventions from the timeline (below). Give the kids painters or masking tape to tape the pictures to the wall and ask to work as a group to put in order of when they were invented.

#### **Answers:**

Invention	Year (approx.)	More info
Flute	50,000 years ago!	Flutes are the earliest known instruments. Oldest surviving examples come from what is now known as Germany <a href="https://en.wikipedia.org/wiki/Flute">https://en.wikipedia.org/wiki/Flute</a> . Cultures all over the world developed similar style instruments. Some Indigenous Nations have oral stories about the flute. Ex. <i>The First Flute</i> a Dakota story re-told by David Bouchard (2015).
Wheelbarrow	2600 years ago	Evidence of wheelbarrows first appear in Greece 2600 years ago. <a href="https://www.smithsonianmag.com/science-nature/a-salute-to-the-wheel-31805121/">https://www.smithsonianmag.com/science-nature/a-salute-to-the-wheel-31805121/</a>
Kayak	2000 years ago	The Inuit used kayaks for hunting and traveling. <a href="https://www.thecanadianencyclopedia.ca/en/article/kayak">https://www.thecanadianencyclopedia.ca/en/article/kayak</a>
Paper Money	1200 years ago	1200 years ago paper money was widely used in China. 400 years ago paper money started being used in Europe. <a href="https://www.history.com/news/11-innovations-that-changed-history">https://www.history.com/news/11-innovations-that-changed-history</a>
Toboggan	600 years ago	Invented by Indigenous peoples living in North Eastern North America. Word toboggan comes from the Mi'kmaq word topagan. <a href="https://creeculturalinstitute.ca/ubagaan/?doing_wp_cron=1673462563.9149179458618164062500">https://creeculturalinstitute.ca/ubagaan/?doing_wp_cron=1673462563.9149179458618164062500</a> and <i>A Native American Thought of It</i> by Rocky Landon, pg. 31
Flush toilet	1592	Many different regions developed innovations that would flush waste away. Archaeologists discovered 4000-year-old drainage systems in India that may have been toilets. First toilet that we would recognize was invented by Sir John Harrington in England. <a href="https://www.baus.org.uk/museum/164/a_brief_history_of_the_flush_toilet">https://www.baus.org.uk/museum/164/a_brief_history_of_the_flush_toilet</a>

Vaccines	1796	There are examples of deliberately exposing healthy people to viruses in different places starting from over 600 years ago. In 1796 a doctor in England Edward Jenner developed the first vaccine to small pox. <a href="https://www.who.int/news-room/spotlight/history-of-vaccination/a-brief-history-of-vaccination">https://www.who.int/news-room/spotlight/history-of-vaccination/a-brief-history-of-vaccination</a>
Lightbulb	1878	American Thomas Edison invented the lightbulb <a href="https://en.wikipedia.org/wiki/Thomas_Edison">https://en.wikipedia.org/wiki/Thomas_Edison</a>
TV	1927	American inventor Philo Farnsworth patented the first TV <a href="https://www.britannica.com/biography/Philo-Farnsworth">https://www.britannica.com/biography/Philo-Farnsworth</a>
Lego	1949	Danish toy maker Ole Kirk Christiansen started making toys in 1932. In 1949 the company made its first plastic brick. <a href="https://www.britannica.com/topic/LEGO">https://www.britannica.com/topic/LEGO</a>
Mine-craft	2009	Swedish computer programmer Markus "Notch" Persson created Minecraft. The first public version was released in 2009. <a href="https://en.wikipedia.org/wiki/Minecraft">https://en.wikipedia.org/wiki/Minecraft</a>

### Discussion:

What surprised you? What invention do you think was the more important? What invention do you use the most? The least?

### Song – I wanna be an inventor

I Wanna Be an Inventor - to the tune of "I wanna be a producer" from Mel Brooks' musical "The Producers." From the blog Inventors of Tomorrow:

<https://inventorsof tomorrow.com/2021/03/13/song-i-wanna-be-an-inventor/>

### Alternative Song – Button Factory

For words and actions: <https://www.ultimatecampresource.com/camp-songs/songs-with-motions/the-button-factory-song/>

### Read a Story

Suggestions include:

- ***A Super Sticky Mistake* by Alison Donald & Rea Zhai (non-fiction)**
- ***Rosie Revere, Engineer* by Andrea Beaty**
- ***Jabari Tries* by Gaia Cornwall**
- ***Magic Ramen* by Andrea Wang (non-fiction)**
- ***Lift Mix Fling: Machines can do Anything* by Lola Schaefer**
- ***The First Flute* by David Bouchard (Best for a small group. Read Bouchard's protocol at beginning of book for correct protocol of storytelling. Book includes CD with English, French and Dakota reading and music by Jan Michael Looking Wolf)**
- ***A Native American Thought of It* by Rocky Landon (non-fiction – better for display than read aloud)**



## **Activity - Inventor Challenge: Build a String Phone**

[30 mins]

### **Supplies:**

(per person or group):

2 large paper/plastic cups, 10+ feet of string, 2 paper clips

### **Instructions:**

Cut a slit in the bottom of each cup. Tie one end of the string to the paper clip and repeat with the other end of the string and second paper clip. Stick the paper clips the slits at the bottom of the cups and pull through. Take one of the paper cups, and have a friend grab the other. Walk away from each other until the string is taut. Take turns speaking softly into the cup, while the other person holds it up to their ear.

### **Discussion:**

How did it work? When did it work the best?

### **The science:**

When you talk into the cup your voice sends sound waves inside the cup, vibrating the bottom of the cup. The vibrations are transferred to the string, across the string and into the bottom of the other cup.

## **Activity - Inventor Challenge: Build a Catapult**

### **Supplies:**

(per person or group)

8 popsicle sticks, plastic spoon, 3 rubber bands, cotton balls or tinfoil balls

### **Instructions:**

Stack 7 popsicle sticks on top of each other. Wrap an elastic band tightly around one end. Place the remaining popsicle stick between the first and second stick and slide into the middle. Take another elastic band and wrap it tightly around the other end of the popsicle stick stack. Line up the end of the spoon with one end of the single popsicle stick. Attach the handle tightly with an elastic band. Now you're ready to make things fly! Test with pom-poms, cotton balls, balled up paper, and/or other soft small objects.

<https://onelittleproject.com/popsicle-stick-catapult/>

### **Extension:**

Can you predict where your object will land?

Which catapult can make objects fly the furthest?

For more ideas and the science behind the catapult check out this article from Scientific American: <https://www.scientificamerican.com/article/build-a-catapult/>

**Concluding Discussion:**

Inventors want to solve problems or create something to make our lives better or more fun! What are some problems you'd like to solve? What inventions do you hope to see in your lifetime?



## **Programs – Older Kids**

**Prepared by:** Devon Knudson, Lori Nick, and Robyn Weisner, Fraser Valley Regional Library

### **Icebreaker: Matchmaker**

Prepare a pair of photos for a number of different inventions. You need enough so that each kid gets one photo (one half of a pair). Some examples are:

- Lightbulb and light socket
- Catapult and boulder
- Train and railroad tracks
- Basketball and basketball hoop
- Camera and film
- iPhone and lightning cable
- Phonograph and record
- Sewing machine and thread

Hand out one photo to each kid. They must circulate around and find the match/other half for their invention.

### **Craft & Activity: Popsicle Stick Catapult**

#### **Supplies:**

- Popsicle sticks
- Rubber bands
- Pom poms for shooting
- Plastic spoon
- Ruler or measuring tape (to measure distance)

#### **Craft Instructions:**

<https://littlebinsforlittlehands.com/popsicle-stick-catapult-kids-stem-activity/>

#### **Activity Questions/Extensions (if time):**

- How far does your pom-pom go?
- Does it go further if you move the spoon lower on the popsicle stick, or if you move it so that it hangs off the end of the popsicle stick?
- Do things other than the pom-poms shoot further? Measure how far they go and see what shoots the furthest (always use soft things to shoot, and never aim them at other people or animals!)

### **Activity: Paper Airplanes**

#### **Supplies:**

- 8.5x11 paper
- Measuring tape
- Timer/stopwatch
- Paper clips
- Yarn, hoop or other target

**Instructions:**

See diagram sheet attached below for folding a basic paper airplane

**Challenges:**

#1 - How far can it fly?

- Materials: measuring tape, timer/stopwatch
- Launch paper airplanes from the same spot several times. How far can it fly? Measure the distance with the measuring tape. Can the kids adjust how they throw it or how much force they throw it with in order to get it to fly farther? Use a timer or stopwatch to find out how long the planes stay aloft.

#2 - How much weight can it carry and still fly a distance?

- Materials: paperclips
- Attach paperclips to the planes as cargo. Launch the paper airplanes. How far did they fly? Did planes curve or dive quickly? Does the placement of the paperclips affect how the plane flies? Who can add the most cargo and still have their plane fly the farthest?

#3 - Can it land on a target?

- Materials: yarn, hoop or other circle target
- Make a circle with the yarn and launch planes from a short distance away, aiming for the target. Who landed in the circle? Do the kids need to stand closer or farther away to hit the target? Maybe stand a bit to the side of the target because the plane curves?

**Activity: Building for the Future****Supplies:**

Whatever you have to build with! LEGO, KEVA planks, popsicle sticks, cardboard & tape, toothpicks & marshmallows. This could even be a drawing activity for any artists in the group.

**Instructions:**

Have kids work in pairs or small groups to come up with the model for an invention of the future. Provide time at the end for each group to share their invention and its purpose.

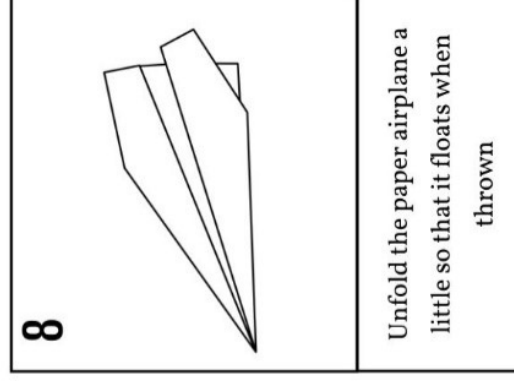
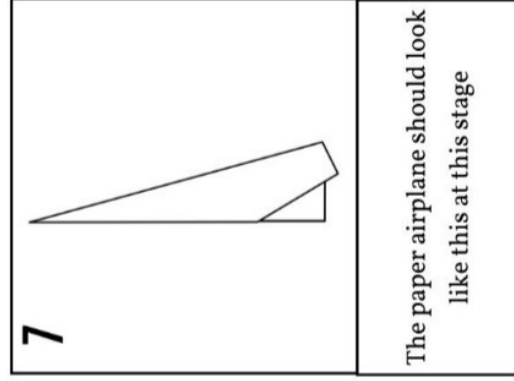
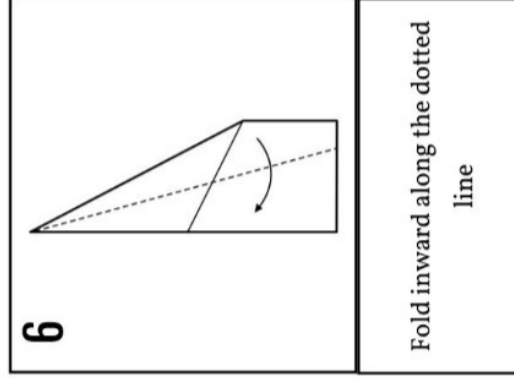
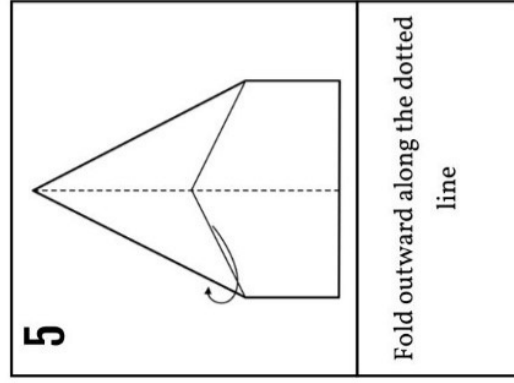
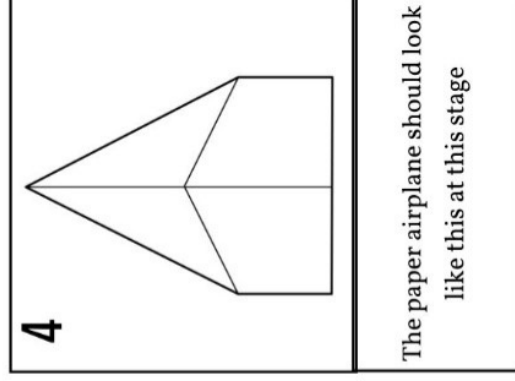
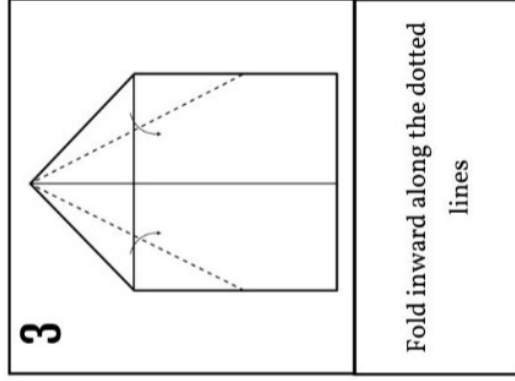
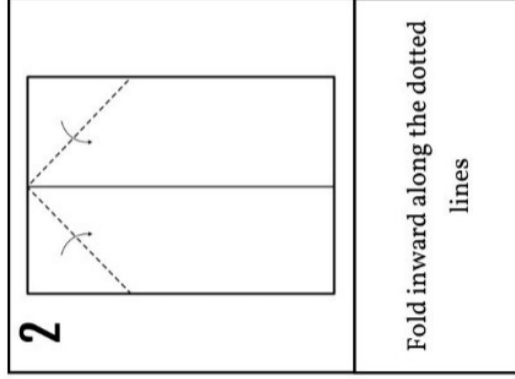
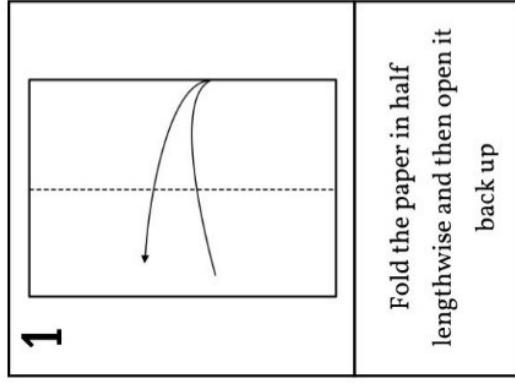
**Book Suggestions:**

[https://fvrl.bibliocommons.com/list/share/165894242\\_fvrl\\_terry\\_fox/2239373259\\_journey\\_through\\_time\\_with Ingenious Inventions- June, 2023- terry fox library- fvrl](https://fvrl.bibliocommons.com/list/share/165894242_fvrl_terry_fox/2239373259_journey_through_time_with Ingenious Inventions- June, 2023- terry fox library- fvrl)

**How to fold a paper airplane handout:**

Below:

# HOW TO FOLD A PAPER AIRPLANE

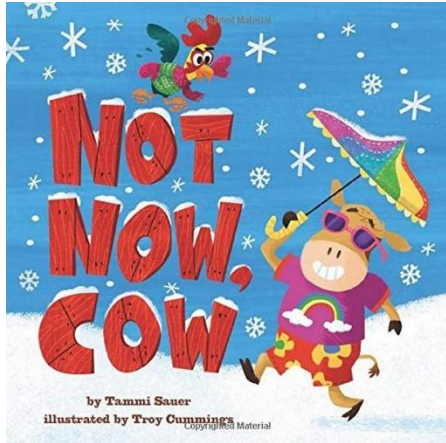


## Week 6: Rollin' with Retro – Retro Classics

### Storytime

Prepared By: Corene Maret Brown, Port Moody Public Library

**You will need:** Teacup and any old technology that you can bring for a show and tell.



**Welcome Song:** Hello Friends (*to the tune of Goodnight, Ladies*)

Hello friends! (x3)

It's time to say hello.

*This is a great song to use ASL for friend, hello and time.*

**Action Rhyme:** Here's a Cup (*can show off teacup to children*)

Here's a cup

And here's a cup

And here's a pot of tea

Pour a cup

And pour a cup and have a sip with me

**Rhyme:** Peppermint!

Peppermint, Peppermint, Peppermint tea! (*mime drinking tea with teacup*)

Peppermint, Peppermint, Peppermint knee! (*tap knee*)

Peppermint, Peppermint, Peppermint pie! (*make round circle with arms*)

Peppermint, Peppermint, Peppermint eye! (*point at eye*)

Peppermint, Peppermint, Peppermint cake! (*mime taking a big bite*)

Peppermint, Peppermint, Peppermint shake! (*shake*)

Peppermint, Peppermint, Peppermint achoo! (*fake sneeze*)

Peppermint, Peppermint, Peppermint bless you!

**Book:** *Not Now, Cow* by Tammi Sauer

**Song:** What Will We Do with a Tamagotchi? (*To the tune of What Will Do with a Drunken Sailor*)

What will we do with a Tamagotchi? (x3)

So early in the morning?

Blow them a kiss and give them a tickle! (x3)

So early in the morning!



**Felt Song:** Farmer Brown (*to the tune of Farmer Brown Has Five Green Apples*)

Farmer Brown has five beanie babies sitting on a tree

Farmer Brown has five beanie babies sitting on a tree

And I bought one beanie! And hugged it mightily!

Now there are four beanie babies sitting on a tree!

*Repeat until you have purchased all of the beanie babies.*

**Song:** On Top of Spaghetti

On top of spaghetti,  
 All covered with cheese,  
 I lost my poor meatball,  
 When somebody sneezed.  
 It rolled off the table,  
 And on to the floor,  
 And then my poor meatball,  
 Rolled out of the door.  
 It rolled in the garden,  
 And under a bush,  
 And then my poor meatball,  
 Was nothing but mush.  
 The mush was as tasty  
 As tasty could be,  
 And then the next summer,  
 It grew into a tree.  
 The tree was all covered,  
 All covered with moss,  
 And on it grew meatballs,  
 And tomato sauce.

**Book:** *I Got the Rhythm* by Connie Schofield-Morrison

**Old Technology Felt Board Game:**

Little cat! Little cat!  
 What is in the fanny pack?  
 Retro, retro, retro fun  
 Can you guess what this might have done?  
*One they have guessed what the object is:*  
 Have you ever heard a phone ring  
 A phone ring, a phone ring  
 Have you ever heard a phone ring  
 A phone like this!  
*Repeat with whatever retro technology you have around  
 – have you ever hear a record, a tape player, a boom  
 box, etc. You can also use pictures of these items.*

**Song:** She'll Be Coming 'Round the Mountain

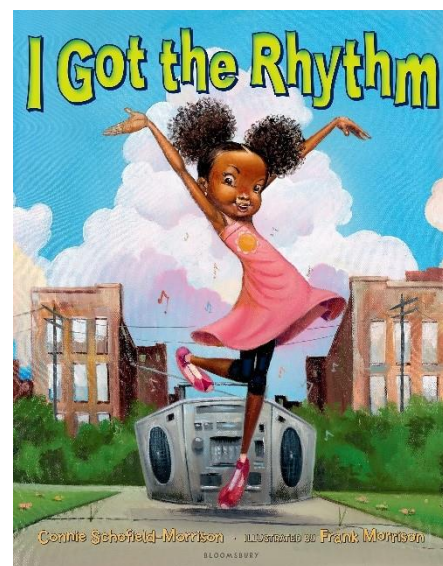
She'll be coming round the mountain when she comes (x2)  
 She'll be coming round the mountain, she'll be coming round the mountain  
 She'll be coming round the mountain when she comes!  
*Repeat with extra verses:* She'll be driving six white horses; She'll be wearing red pyjamas;  
 We'll all eat purple pizza; we'll all read books together

**Goodbye Song:** Same as welcome song, using goodbye.

So if you eat spaghetti,  
 All covered with cheese,  
 Hold on to your meatball,  
 Whenever you sneeze.

**Action Song:** Sleeping Furbies (*Sleeping Bunnies*)

*Have all the children pretend to be sleeping*  
 See the little furbies sleeping  
 'Til it's nearly noon  
 Come and let us gently wake them  
 With a happy tune  
 Oh how still. Are they ill? Wake up soon!  
 Hop little Furby, hop, hop, hop!  
 Hop little Furby, hop, hop, hop!  
 Hop little Furby, hop, hop, hop!  
*Can repeat many, many times*







### RETRO QUIZ

These items were once super popular. Can you tell what they were called and what they were used for?



1

Name:

Used for:



2

Name:

Used for:



3

Name:

Used for:



4

Name:

Used for:



5

Name:

Used for:



6

Name:

Used for:

Answer Key:  
1. Card catalogue (used to find books in the library before computers).  
2. Floppy Disk (used for saving and transferring documents from one computer to the next).  
3. Sony Walkman (used for listening to music on cassette tapes before we had digital music).  
4. Photo film (used for taking pictures with a non-digital camera).  
5. Dial telephone (used for making phone calls before we had cordless and smart phones).  
6. Can opener (used for opening canned food, bottles, and jars).



### TAKE A LOOK AT THESE BOOKS

*Jukebox* by Nidhi Chanani

*The Ultimate Book of the Future*  
by Stephanie W. Drimmer

*How Things Work* by Tamara J. Resler

*The Journey Through Time* by Geronimo Stilton  
(book 1 of 8)

*Time Travelling with a Hamster* by Ross Welford



### JOKES

Q: What happens once in a minute, twice in a moment, but never in a thousand years?

A: the letter M

Q: What did the digital watch say to the grandfather clock?

A: "Look Pop! No hands!"

Q: Which elf is the best singer?

A: Elf-is Presley!



### OUT & ABOUT

Play a retro favorite - Hopscotch!

1. Draw a hopscotch diagram like this one with chalk or tape:
2. Throw a stone or twig into the first square. This is your marker.
3. Hop on one foot into the first empty square, and then every other empty square. Skip the one your marker is on.
4. At the pairs (4-5 & 7-8) jump with both feet
5. At 10, hop with both feet, turn around, and head back toward the start.
6. When you reach the marked square again, pick up the marker—still on one foot!—and complete the course.



**Title:** How to Play Hopscotch and 5 Fun Variations

**Website:** Parents.com

**Video:** How to play hopscotch

**Youtube Channel:** Raising Rookies



82

## **Programs – Younger Kids**

**Prepared By:** Emily Corley and Rachel Rosenberg, Vancouver Public Library

### **Supplies:**

- Worksheet/poster paper
- Art supplies

### **Welcome, introduction, and ice breaker**

[10 minutes]

Welcome to our Summer Reading Club program! My name is \_\_\_\_\_. [Include land acknowledgements and general housekeeping rules and information].

Today, we're going to be celebrating pop culture and retro classics!

#### **Icebreaker:**

Ask the participants to introduce themselves to someone and mention their favourite movie/book/games/TV/TikTok/YouTube! Afterwards, write down what they chose and see how much overlap there is.

### **Story**

[5 minutes]

There are lots of great picture books and juvenile non-fiction featuring recognizable pop culture figures, especially in series such as ***Pop Classics*** and ***What is the Story of?*** Here are a few potential titles to get you started. You can also use books about art movements and musical genres to help explain retro as a concept. Use as a read aloud, or booktalks depending on the group.

#### **Some possible titles:**

- ***Are You Scared, Darth Vader?*** by Adam Rex
- ***Home Alone: The Classic Illustrated Storybook*** by Jason Rekulak
- ***The X-files: Earth Children Are Weird*** by Jason Rekulak
- ***Kidstory: 50 Children and Young People Who Shook up the World*** by Tom Adams
- ***Little Kids First Big Book of Who*** by Jill Esbaum
- ***10 at 10: The Surprising Childhoods of Ten Remarkable People*** by Carlyn Beccia.
- ***Tell Me a Picture: Adventures in Looking at Art*** by Quentin Blake
- ***Pop Art*** by Richard Spilsbury
- ***Parks and Recreation: Leslie for Class President!*** by Robb Pearlman
- ***What Is Rock and Roll?*** by Jim O'Connor
- ***What Is the Story of? (HQ Who series)*** by various authors

## **Activity Options**

[10 Minutes each – Choose Multiple Activities for a Longer Program]

### **Option 1 – Freeze Dance**

Freeze Dance with Retro Music Styles: One person is the judge and tells anyone who moves when the music stops that they are out. Keep playing until only one person remains. They are declared the winner. Use short clips of retro music from different eras or CDs from your library's collection.

*Some fun video options:*

Title: The Evolution of Dance – 1950s to 2019

Youtube Channel: Ricardo Walker

Link: <https://www.youtube.com/watch?v=p-rSdt0aFuw>

Title: Evolution of Pop Music (1940 – 2020)

Youtube Channel: Top Culture

Link: <https://www.youtube.com/watch?v=pbXo2VOJZ5c>

Note: This is a good overview of pop music over the last 80 years! But it only plays 7 seconds of a song from each year so not great to dance to. You can use it to choose a couple songs to represent each decade or show it to the kids and have them vote for their favourites.

### **Option 2 - Fortune Tellers**

Show kids how to make a 1990s paper fortune teller game (tutorial at <https://www.wikihow.com/Fold-a-Fortune-Teller>). Together you can brainstorm things to put as questions (i.e. favourite colour, pick a number, pick a celebrity etc.) and fortunes (a surprise is coming soon.) or have children do it together in pairs or small groups. Let them play for a bit and try it out on each other.

#### ***Supplies:***

- Squares of paper
- Pens or markers

### **Option 3 – Decade Guessing Game**

Guess the decade (with images of musical icons!)

#### ***Supplies:***

Photos of various celebrities that run the gamut of different eras (eg Beethoven, The Beatles, The Ramones, Taylor Swift, Harry Styles). Cut photos out of magazines or use photos from a reputable online source such as Encyclopedia Britannica.

## **Craft – Make DIY Retro Glasses**

[20 Minutes]

#### **Supplies:**

- A piece of thin cardboard
- Scissors



- Markers
- Glue or tape
- [Retro Glasses Templates with 3 different design options](#) (in Appendix B – Theme 6)
- Cut shapes or other embellishments (stickers/washi tape/etc)
- Glitter glue (optional)
- Translucent coloured cellophane (optional)

Print templates (at the end of program plan) before the program onto cardstock paper. Provide safe scissors for kids to cut out their glasses and marker, coloured cellophane (Optional), stickers and art supplies to decorate the glasses

### **Closing**

[5 Minutes]

Thank kids for coming. Promote upcoming SRC programs and remind kids to register for SRC if they haven't already. If you have an SRC selfie frame/station or similar parents can be invited to take photos of their kids in their new sunglasses.

## **Programs – Older Kids**

Prepared by Shelby Deglan and Carissa Hood, Fraser Valley Regional Library

### **Icebreaker: Candy Jar Questions**

Fill a jar with candies in five or six different colours. Each candy colour has a corresponding icebreaker question that can be written for everyone to see. Each child picks out a candy (or two or three if there's time for more than one question). Go around the room and have the children answer icebreaker questions based on the candies they have. No candy? Use small pieces of coloured paper as an alternative.

Some possible retro and pop culture themed icebreaker questions:

1. If you could travel back in time to any decade or time period, what would it be and why?
2. If you were a mixtape, what song would play first?
3. What movie or TV character would you want as a best friend?
4. What is a song that you know all the words to?
5. What is a movie that you've seen over a dozen times?
6. If you could have lunch with a famous person, past or present, who would it be and why?

### **Activity: Andy Warhol Pop Art Crafternoon**

#### **Supplies:**

- paper, pencils, black felt pens, any colouring supplies you choose (felts, crayons, pencil crayons, paint)

#### **Instructions:**

Start by introducing the children to the pop art movement. What is pop art? What are the characteristics of pop art?

Find brief information on the pop art movement here: <https://msartastic.com/2021/07/05/5-pop-art-lessons-for-kids/>

Show a few examples of Andy Warhol's famous block paintings:

- Marilyn Diptych - [https://en.wikipedia.org/wiki/Marilyn\\_Diptych](https://en.wikipedia.org/wiki/Marilyn_Diptych)
- Campbell's Soup Cans - [https://en.wikipedia.org/wiki/Campbell%27s\\_Soup\\_Cans](https://en.wikipedia.org/wiki/Campbell%27s_Soup_Cans)
- 

In this activity, children will create their own version of pop art. Bring some 'every day' items to show as inspiration. For example, a soup can, house plant, pop bottle, or a kettle.

1. Fold a piece of paper into quarters.
2. In the first quarter, draw an image. Children can either draw an everyday item in front of them or something from their imaginations.
3. Draw the image four times to fill each quadrant. Alternatively, draw the image once and trace it four times onto another piece of paper so that each image is identical.
4. Outline with a black felt pen. Colour each image.

Encourage children to colour each image differently or in a different style. For example, colour one image in only squiggly lines or in colours you wouldn't ordinarily see. For a more advanced version, create a 3x3 grid for a total of nine images.

### **Alternate Activity: Retro Family Games Night & Photo booth**

Do you have classic board games or access to video games? Instead of a regular games program, promote it as Retro Family Games Night and invite children and families to dress up in the style of another decade, like the 80's. Create a photo booth backdrop and some props for families to take their own blast-from-the-past photos. Some props can be cut out of paper, like vinyl discs, funky glasses, electric guitars, or boom boxes. If you're using a meeting room, play some retro tunes to boost the vibe.

### **Books to Display**

***Make It Pop!* by Joyce Raimondo**

***Andy Warhol, Pop Art Painter* by Susan Goldman Rubin**

## Week 7: Far Out Future – What’s to come?

### Storytime

Prepared By: Corene Maret Brown, Port Moody Public Library

#### Welcome Song: Wake Up Hands!

Wake up hands!

Wake up hands!

Wake up hands and wiggle, wiggle, wiggle!

Wake up hands!

Wake up hands!

Wake up hands in the morning.

*Continue by waking up other body parts*

#### Felt board: Five Noisy Robots

Five noisy robots shouting: “Beep! Beep!”

While everyone else is trying to sleep

Along came a kid with a penny one day

Bought a noisy robot and took it away!

*Continue until you have no more robots left!*

#### Fingerplay: Open Them, Shut Them

Open them, shut them

With a loud clang!

Open, them, shut them,

Bang! Bang! Bang!

Turn your gears fast!

Turn your gears slow!

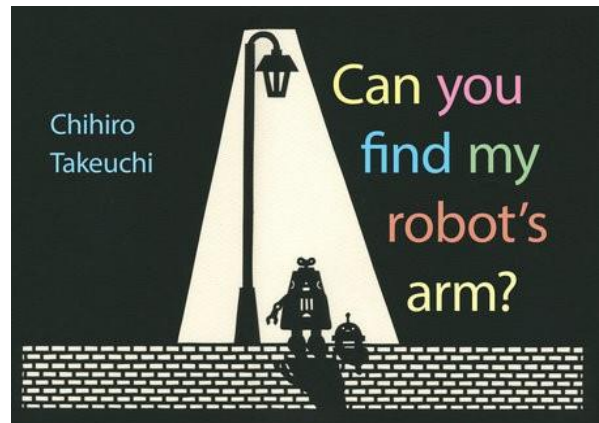
Blink you lights high and blink you lights low!

Open them, shut them (x2)

Give a little zap!

Open them, shut them (x2)

Power down just... like.... That.



**Book: *Can You Find My Robot's Arm?*** By Chihiro Takeuchi or  
***And the Robot Went...*** by Michelle Robinson

#### Action Song: If You're a Robot and You Know It (to the tune of If You're Happy and You Know It)

If you're a robot and you know it, clank your claws (*clap*)

If you're a robot and you know it, clank your claws (*clap*)

If you're a robot and you know and you really want to show it

If you're a robot and you know it, clank your claws!

If you're a robot and you know it, clank your claws (*clap*)

*Additional verses: Press your buttons, wind your gears, power off, do a dance*

#### Action Song: I'm a Little Robot (to the tune of I'm a Little Teapot)

I'm a little robot

Short and strong

Here are my handles  
 And the button to turn me on  
 When I get all warmed up, watch me go!  
 Sometimes fast  
 And sometimes slo-o-o-w

**Settling Rhyme:** Robot, Robot, Turn Around  
 Robot, robot, turn around.  
 Robot, robot, touch the ground.  
 Robot, robot, turn left and right.  
 Robot, robot, flash your lights.  
 Robot, robot, bloop and bleep.  
 Robot, robot, go to sleep. (*encourage the robots to go to sleep*)

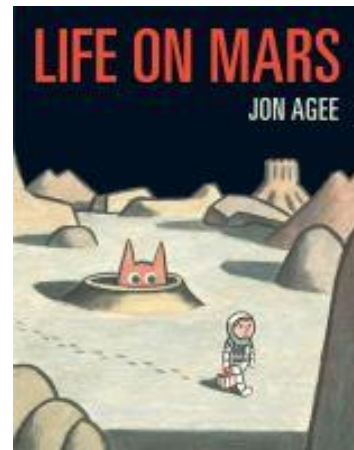
**Action Song:** See the Little Robots Sleeping (*to the tune of Sleeping Bunnies*)  
 See the little robots sleeping  
 'Til it's nearly noon  
 Come and let us gently wake them  
 With a happy tune  
 Oh! How still! Are they ill?  
 Wake up soon!  
 Bop little robots - bop, bop, bop! (x3)

**Book:** *Goodnight, Astronaut* by Scott Kelly  
 or *Life on Mars* by Jon Agee

**Song:** One Robot Went Out to Play (*to the tune of One Elephant Went Out to Play*)  
 One robot went out to play  
 In the Milky Way one day  
 They had such enormous fun  
 That they called for another little robot to come!  
*Continue adding more robots*

**Felt Game:** Where is the robot?  
 Robot, robot, we know you're here!  
 Are you behind the [colour] gear?  
*Have the participants choose the colour and play until you find the hidden robot.*

**Goodbye song:**  
 Here we go up, up, up  
 Here we go down, down, down  
 Here we go back and forth  
 Here we go round and round  
 Here we go to the left  
 Here we go to the right  
 Let's all blow a kiss  
 Now wave hello (goodbye) like this!





# JOURNEY THROUGH TIME



## Activity Sheet # 7 – Far Out Future



### FUTURE DREAM HOUSE

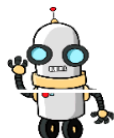


Imagine what a house will look like 100 years in the future. What would it look like? Draw a picture of this house of the future with your imagination!



### OUT & ABOUT

Play a game of robot freeze tag with friends! Imagine you are all robots made in the future. One person is “it” while the other runs away. This person says “Beep Boop” to start and then chases and tags other robots in your yard or a playground. If you have been tagged, you must freeze!



### JOKES

Q: Where do cow astronauts travel?

A: To the moooon!



Q: Why haven't astronauts visited Mars?

A: They haven't been invited



### TAKE A LOOK AT THESE BOOKS

*Telling Time* by David A. Adler

*Ultimate Book of the Future*  
by Stephanie Warren  
Drimmer

*Together We Drum, Our Hearts Beat as One* by Willie Poll

*Once Upon a Time There Was and Will Be So Much More* by Johanna Schaible

## Programs – Younger Kids

Prepared By: Sabrina, Queen, Leila, & Tiffany, Vancouver Public Library

### Supplies:

- Activity 1: paper and drawing implements.
- Activity 2/3: Documents below (Future Language Translator and Message 1 are images in [Appendix B – Theme 7](#)), snacks (optional).
- Activity 4: speaker to play music, music to play.

Before the program, to promote it or as a passive activity, you may want to build the doorway to the time machine together. <https://www.pbs.org/parents/crafts-and-experiments/diy-cardboard-time-machine> Supplies: cardboard, markers, stickers, misc. decorations.

### Welcome, introduction, and icebreaker:

[10 minutes] **Script:** “Welcome to our Summer Reading Club program! My name is \_\_\_\_\_. [Include land acknowledgements and general housekeeping rules and information]. In today’s program we are time travelling to the year 3023! We are going to register for the time machine, then we’re all going to climb aboard and step out into the library one thousand years in the future!”

#### **Icebreaker:**

“register” for the time machine by stating your name, your age, and answer one of the following:

- please describe the biggest feeling you have about this adventure (I feel brave, I feel nervous, I feel excited, I feel bored)
- what time you would travel to if you could go to any time?
- do you have a favourite book you’ve read so far this summer?
- what is your favourite thing about summer?
- if you could only bring three things with you on a time traveling mission, what would you bring?
- what is your “time traveler” name? (Your name with an alliterative adjective eg. Jumping Jamie, Silly Sabrina, Tiny Tiffany)

#### **Once everyone is registered, you can read this speech:**

“Greetings time travellers! You are about to embark on an incredible journey to the year 3023! As you travel through time, remember that you are part of a team and that together, you can accomplish anything. Take this opportunity to learn and grow, discover new things, and make a positive impact on the future. Have courage, be bold, and never underestimate the power of determination and optimism. Good luck and safe travels!” (Adapted from Canva’s “magic write” AI. Feel free to adapt this script as you see fit for your group).

### Story:

[5 minutes] Read a story while we’re in the time machine! Time machine sounds (bleeps and bloops) are encouraged! Some read aloud options:

- ***The Trouble with Time Travel* by Stephen W. Martin (Canadian!)**

- *Once Upon a Time There Was and Will be So Much More* by Johanna Schaible
- *There Must be More than That* by Shinsuke Yoshitake.
- *Are We There Yet?* By Dan Santat
- *Robot Zot!* By Jon Scieszka
- *Eric* by Shaun Tan

Check out the booklists and Theme 7 storytime sheet for more great options!

### **Activity 1 – Creature Drawing**

[15 minutes] **Script:** “When we exit the time machine, the smoke clears and we see a mysterious creature!”

**Group draw or fold-draw** the creature we first see when stepping out of the time machine. Name the creature and give them some attributes. Do they look human, alien, or something else entirely?

This activity can be done in pairs, groups of three, or as one large group.

For groups of 3 fold a piece of paper in thirds.

- The first person draws the head of the creature, connecting a couple of lines across the fold so the next person knows where to start the torso.
  - Person 1 folds the head they drew out of view and passes the paper along.
- Person 2 draws the middle of the creature, connecting in the same way.
- Person 3 draws the bottom of the creature’s body
- When everyone has finished drawing, unfold the paper to reveal your creature

For partners, fold a piece of paper in half

- person draws the top half or bottom half of the creature

As a group draw,

- use a large piece of paper and ask participants how many arms the creature should have, how many horns, what colour scales, etc.
- This activity can be adapted to acting out or describing the creature to suit the children’s varying abilities and preferences.

Consider having stickers and colouring implements available if children want to continue decorating their creature.

### **Activity 2 & 3 – Translate & Snacks**

[20 minutes total] **Script:** “The creature can talk! But you don’t understand what they are saying. That is, until they show you a strange book. It’s full of emojis and some symbols you’ve never seen before. Each symbol is matched to a letter or number. You suddenly realize that this must be the creatures’ written language and this book is a translator! The creature shows you a string of symbols. What are they trying to communicate?”



**Translate the creature's greeting** by matching the symbols in "[Message 1](#)" to the letters we know, using the [Future Language Translator](#) (both in Appendix B – Theme 7). This can be done individually, in pairs or groups, or as a whole team, with participants each finding one letter, depending on the size of the program. If working individually and some participants are done early, they can write additional messages on their own or create their own translator chart.

**Script:** Next, the creature takes you to meet their friends and have a snack. They are curious about what kind of snacks you like to eat in the year 2023. Who would like to share what their favourite snack is? \*\*If you are providing snacks you can serve them during this portion. Be aware of allergies and food sensitivities\*\*

The creatures are finished making the snacks. Use the *Snack Chart* (directly below) to find out what they served you. Would you eat your snack if it was real? What do you think food and snacks will be like in the year 3023?

### Activity 3 – Snack Decider Chart

First Letter of your name			
A	Pickled	U	Stinky
B	Fried	V	Fluffy
C	Breaded	W	Watery
D	Soggy	X	Juicy
E	Sour	Y	Hot
F	Spicy	Z	Cold
G	Salty		
H	Goey	Birthday Month	
I	Speckled	JANUARY	Eel eyeballs
J	Crispy	FEBRUARY	Carrot cubes
K	Crunchy	MARCH	Seaweed sheets
L	Oily	APRIL	Frog feet
M	Sticky	MAY	Grape gumbo
N	Sweet	JUNE	String soup
O	Moldy	JULY	Legume lasagna
P	Bitter	AUGUST	Lizard lips
Q	Tasty	SEPTEMBER	Hazelnut hair
R	Lumpy	OCTOBER	Banana bits
S	Squishy	NOVEMBER	Chocolate cake
T	Chewy	DECEMBER	Pinecone pizza

### Activity 4 – Dance Party

[5 minutes] **Script:** “After your snacks, it’s time for a futuristic celebration. There is music playing, and the creature and their friends are moving in strange ways you’ve never seen before. You think they’re... dancing! How do the future creatures dance?”

Play music and encourage participants to use their imaginations to create future dance moves! Adapt moves, such as blinking, for varying abilities as needed.

**Closing:**

[5 Minutes] To say goodbye, participants can go back through the time machine to the year 2023 with the promise that they won't tell others what goes on in the future. Thank participants, have blank translator sheets for participants to take home, and promote next week's program!

## **Programs – Older Kids**

Prepared by Alissa Hamilton, Fraser Valley Regional Library – Maple Ridge

### **Ice Breaker: Collaborative Drawing**

(similar to snowball drawing exercise)

Give each child a piece of paper and something to draw with (pen, pencil, felt, crayon, etc). Ask them to draw for one minute. Then ask the children to trade drawings. You can ask them to find someone with a name that starts with the same letter, or who is born in the same month, etc.

Once they have exchanged their drawings, give them one minute to work on the new drawing. After one minute, have them exchange drawings again. This can continue for as long as wanted. At the end, have the drawings put up for display.

### **Activity 1: Future Self**

Using the template, get the children to draw a picture of their future self on one side and write a letter to themselves on the other. **Brainstorm together:** What year is it? What kind of job will you have? Where will you live (town, province, city, building)? What will you look like? Don't forget to draw the stamp! (template below!)

#### **Open-ended adaptation**

Make a drawing, painting or craft of your future self. Encourage children to create an imaginary self-portrait of themselves by giving them prompts like the color and length of their hair, color of clothing or accessories etc. Allow kids to use the supplies at their disposal to create a self-portrait to provide a more engaging and inclusive experience.

Then, with the help of the suggested questions below, gather kids around to describe what they have drawn to one another. There should be a 5 to 10-minute time period set aside to allow them think and come up with answers to these questions in order to share with the group. If you have a large group, divide them into smaller groups so they may interact with one another. Note that all of the answers to these questions can be made up.

- What language(s) will you speak
- What will you get from place to place?
- Where will you live?
- Your occupation?
- What clothes will you wear?
- What hobbies will you have?
- What pets will you have?
- What superpowers will you have?
- If were to choose only one food to eat in the future what would it be?

At the end of the activity you can have kids place their drawing on a wall for an art walk (everyone moves around the room to view each other's art) or take them home.

## Activity 2: Build the City of the Future

### Supplies:

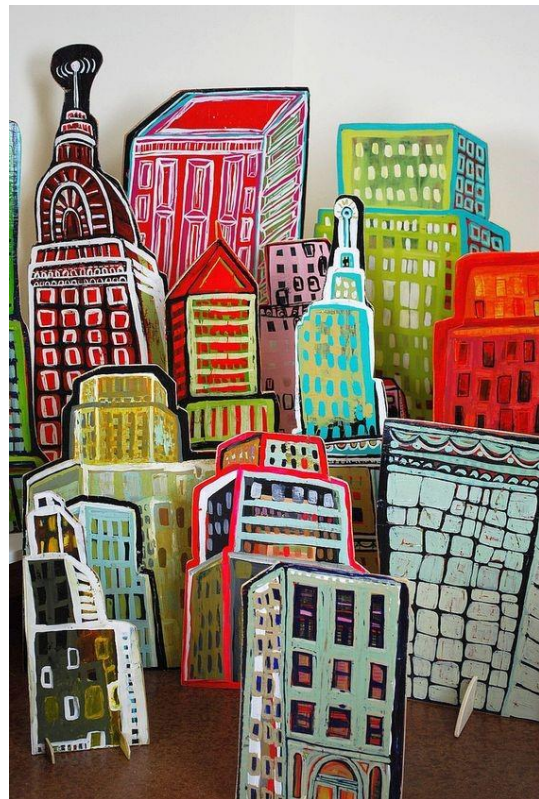
- Cardboard
- blank paper
- construction paper
- roll of large paper
- Pens, pencils, etc.

For this activity, we will be making a city of the future. Have the children discuss when the city of the future will be in 10 years. Brainstorm what kind of changes there might be. What do buildings look like? Do we live in apartment buildings or houses? Where does our energy come from? Where does our water come from? What does our transportation look like? Provide some books on sustainable future (titles included below) to help them brainstorm. Have a table or other display space for them to put their finished work once they are done.



### *Version 1*

Give each child a piece of cardboard to draw on. Ask them to make a building or a vehicle they would find in the city of the future. It could be an office building or a house or a store, public transportation, a car, a bicycle. Have them cut their drawing down to the shape.



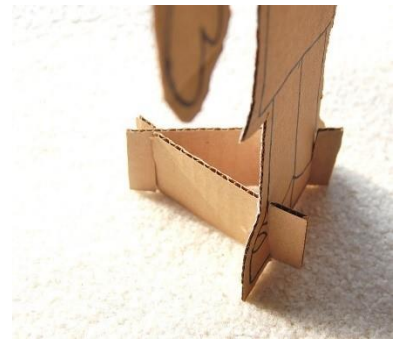
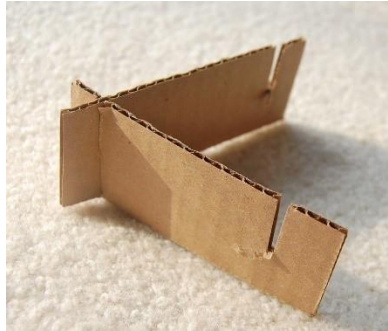
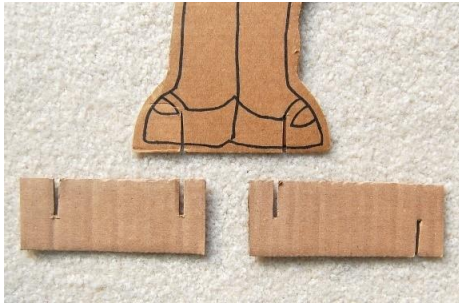
Images: Left: Mini Mad Things, [Cardboard City](#). Middle: Barbara Gilhooley, [Cut-Out City](#). Right: [Mini Mad Things](#)



When they have finished working on their projects, have them arrange their city. If there is time, lay out large pieces of paper and let them add in streets and sidewalks, trees etc. Have the kids discuss what they drew and why, and how the buildings and cars should be organized.

#### *Cardboard Base:*

Instructions can be found at Ikat Bag, [How to Work with Cardboard](#)



#### *Version 2*



Lay out large rolls of paper and have the children draw the city of the future onto the paper. Start with streets—will they be gridded or will they follow a different pattern? Are there sectors in the city? What are the different sections? Have them draw in all the different parts of the city: where do people live? Where do they go shopping? How do they travel around? Where do they work? Where are the parks?

Once they are finished, put the drawing up for display.

Left : Belle Lu,

<https://www.pinterest.ca/pin/564146290835810989/>

#### *Version 3*

Using the templates provided, ask the kids to draw what they think housing/transportation will look like in the future. The templates are intended to stand up and to open up to reveal the inside. Ask them to draw in windows, doors, and anything else they think a house of the future would need. What kind of roof does it have? When they are finished, arrange the images as a city.

Image (right): [Picklebums](#).



### **Book Suggestions:**

- *Ultimate Book of the Future* by Stephanie Warren Drimmer
- *It's a Wonderful World: How to Protect the Planet and Change the Future* by Jess French
- *Green City: How One Community Survived a Tornado and Rebuilt for a Sustainable Future* by Allan Drummond
- *Robotics: Discover the Science and Technology of the Future with 20 Projects* by Kathy Ceceri
- *Space Tourism* by Peter McMahon
- *Wonder Women of Science: Twelve Geniuses Who Are Currently Rocking Science, Technology, and the World* by Tiera Fletcher
- *Could a Robot Make My Dinner? and Other Questions About Technology* by Kay Barnham
- *Future Tech From Personal Robots to Motorized Monocycles* by Piddock, Charles
- *Climate Action: The Future Is in Our Hands* by Georgina Stevens
- *It's Getting Hot in Here: The Past, Present, and Future of Climate Change* by Bridget Heos

### **Fiction:**

Picture books:

- *Old MacDonald Had a Phone* by Jeanne Willis
- *If You Give a Mouse An iPhone* by Ann Droyd
- *DOLL-E 1.0* by Shanda McCloskey

Chapter books:

- *George and the Ship of Time*, Lucy Hawking
- *Hana Hsu and the Ghost Crab Nation* by Sylvia Liu
- *The Last Human* by Lee Bacon
- *Goldie Blox and the Best! Pet! Ever!* By Stacy McAnulty
- *Joey and Johnny, the Ninjas Get Mooned* by SerWacki
- *Cyberia and Monkey See, Monkey Don't* by Chris Lynch
- *Geronimo Stilton, Reporter. Volume 12, Mouse House of the Future* by Geronimo Stilton

### **Postcard Template:**

Next page. Print so that other side is blank for self portrait.

[illegible]

From:

## BC SRC Contact Information:

If you have any questions about BC SRC first check the website's FAQ section: <https://bcsrc.ca/faqs/> If the answer isn't there, feel free to contact the Provincial Assistant, Sabrina, at the following address: [infobcsrc@bcla.bc.ca](mailto:infobcsrc@bcla.bc.ca)

**CONGRATULATIONS! Hope it was a great summer!**





# **Appendices:**

## **Appendix A – Activity Sheet Credits**

### **Theme 1 – Dynamic Dinosaurs**

#### **Main Activity:**

Activity inspired by: <https://www.littlefamilyfun.com/2013/09/build-dinosaur.html>

#### **Jokes:**

Griffiths, A. (2020). The treehouse joke book. NY: Fiewel and Friends, an imprint of Macmillan Publishing Group, LLC.

Rosenberg, P. (2011). *Dinosaur jokes*. Mankato, MN: Child's World.

Dinosaur image from: <https://pixabay.com/vectors/cartoon-comic-dino-dinosaur-green-1299393/>

#### **Outdoor Activity Suggestion:**

Clipart from Microsoft 365

### **Theme 2 – Living Large**

#### **Main Activity:** Images

Pyramids:

[https://upload.wikimedia.org/wikipedia/commons/thumb/d/d2/The\\_Great\\_Sphinx%2C\\_Pyramids\\_of\\_Gizeh-1839%29\\_by\\_David\\_Roberts%2C\\_RA.jpg/640px-The\\_Great\\_Sphinx%2C\\_Pyramids\\_of\\_Gizeh-1839%29\\_by\\_David\\_Roberts%2C\\_RA.jpg](https://upload.wikimedia.org/wikipedia/commons/thumb/d/d2/The_Great_Sphinx%2C_Pyramids_of_Gizeh-1839%29_by_David_Roberts%2C_RA.jpg/640px-The_Great_Sphinx%2C_Pyramids_of_Gizeh-1839%29_by_David_Roberts%2C_RA.jpg)

Cave Painting:

[https://upload.wikimedia.org/wikipedia/commons/thumb/0/03/Cave\\_painting%2C\\_Anthropos\\_%282%29.jpeg/640px-Cave\\_painting%2C\\_Anthropos\\_%282%29.jpeg](https://upload.wikimedia.org/wikipedia/commons/thumb/0/03/Cave_painting%2C_Anthropos_%282%29.jpeg/640px-Cave_painting%2C_Anthropos_%282%29.jpeg)

Parthenon:

[https://upload.wikimedia.org/wikipedia/commons/thumb/4/4b/Parth%C3%A9non\\_-\\_Coupe\\_transversale\\_restaur%C3%A9e.jpg/640px-Parth%C3%A9non\\_-\\_Coupe\\_transversale\\_restaur%C3%A9e.jpg](https://upload.wikimedia.org/wikipedia/commons/thumb/4/4b/Parth%C3%A9non_-_Coupe_transversale_restaur%C3%A9e.jpg/640px-Parth%C3%A9non_-_Coupe_transversale_restaur%C3%A9e.jpg)

Taj Mahal:

[https://upload.wikimedia.org/wikipedia/commons/thumb/f/f9/Taj\\_Mahal\\_bij\\_maanlicht\\_Rijksmuseum\\_SK-A-3629.jpeg/640px-Taj\\_Mahal\\_bij\\_maanlicht\\_Rijksmuseum\\_SK-A-3629.jpeg](https://upload.wikimedia.org/wikipedia/commons/thumb/f/f9/Taj_Mahal_bij_maanlicht_Rijksmuseum_SK-A-3629.jpeg/640px-Taj_Mahal_bij_maanlicht_Rijksmuseum_SK-A-3629.jpeg)

Mona Lisa:

[https://upload.wikimedia.org/wikipedia/commons/thumb/e/ec/Mona\\_Lisa%2C\\_by\\_Leonardo\\_da\\_Vinci%2C\\_from\\_C2RMF\\_retouched.jpg/640px-Mona\\_Lisa%2C\\_by\\_Leonardo\\_da\\_Vinci%2C\\_from\\_C2RMF\\_retouched.jpg](https://upload.wikimedia.org/wikipedia/commons/thumb/e/ec/Mona_Lisa%2C_by_Leonardo_da_Vinci%2C_from_C2RMF_retouched.jpg/640px-Mona_Lisa%2C_by_Leonardo_da_Vinci%2C_from_C2RMF_retouched.jpg)

**Jokes:**

<https://www.scarymommy.com/history-jokes-puns>

[https://www.barrypopik.com/index.php/new\\_york\\_city/entry/why\\_is\\_history\\_like\\_a\\_fruit\\_cake](https://www.barrypopik.com/index.php/new_york_city/entry/why_is_history_like_a_fruit_cake)

**Theme 3 – Beautiful Builds**

Prepared By: Tracie L., Surrey Libraries

**Main Activity:**

Bridge image: <https://pixabay.com/photos/bridge-alcantara-roman-historic-1370547/>

Bridge building video: James Dyson Foundation. (2016, October 12). *Educational activities for kids: Spaghetti bridges*. [video] YouTube. <https://youtu.be/Pp9U6lyolqg>

**Jokes:**

Hanson, K. (2022, September 27). 110 funny jokes for kids that will get the family laughing together. *TODAY.com*. <https://www.today.com/parents/family/jokes-for-kids-rcna49138>

**Theme 4 – Terrific Transportation**

Prepared By: Joy Sodhi, Surrey Libraries

**Jokes:**

Editors of Portable Press. (2018). *The Wackiest Joke Book That'll Knock-Knock You Over!*  
San Diego: Portable Press.

**Theme 5 – Ingenious Inventions**

Prepared by Sharon, Surrey Libraries

**Main Activity:**

Idea for main activity from this general page (account needed for direct link though):

<https://www.teacherspayteachers.com/Product/Name-That-Invention-Past-and-Present-Worksheets-6564840?st=dbd754cd9f62b9a64f8809215574dbf0>

All clipart except photo of robot cleaner from Microsoft Office 365

Photo of robot cleaner:

*Janitorial business customizes robot for workforce.* (2019, March 4). CleanLink.

Retrieved December 28, 2022 from

<https://www.cleanlink.com/news/article/Janitorial-Business-Customizes-Robot-For-Workforce--23576>

### **Jokes:**

Editors of Portable Press. (2018). *The Wackiest Joke Book That'll Knock-Knock You Over!* San Diego: Portable Press.

*150 jokes for kids that can help spread some laughs and raise cash.* (2020, April 23).

Red Nose Day. Retrieved December 28, 2022 from <https://rednoseday.org/news/150-jokes-for-kids>

### **Outdoor Activity Suggestion:**

Chen, L. (2012, January 10). *70 clever camping inventions.* Trendhunter.  
<https://www.trendhunter.com/slideshow/clever-camping-inventions>

## **Theme 6 – Rollin’ with Retro**

Prepared by: Tracy L., Surrey Libraries

### **Main Activity - Images:**

Dial telephone: <https://pixabay.com/photos/antique-telephone-old-phone-379563/>

Floppy disks: <https://pixabay.com/photos/computers-disk-fdd-floppy-formated-88265/>

Sony Walkman: <https://pixabay.com/photos/walkman-technology-team-3111922/>

Film canister: <https://pixabay.com/photos/film-photography-filmstrip-roll-2447810/>

Can opener: <https://pixabay.com/photos/bottle-opener-opener-beer-4563752/>

Card catalogue:

[https://commons.wikimedia.org/wiki/File:NOAA\\_Central\\_Library\\_Card\\_Catalog\\_1.jpg](https://commons.wikimedia.org/wiki/File:NOAA_Central_Library_Card_Catalog_1.jpg)

### **Jokes:**

Gowsell Pattison, R. (2018). *Just Joking: Jumbo 2.* Washington, DC: National Geographic.

**Outdoor Activity:**

Hopscotch image: <https://pixabay.com/photos/hopscotch-playground-game-child-1622866/>

Video: Raising Rookies. (2020, March 13). *How to play hopscotch - Raising rookies* [Video]. YouTube. [https://www.youtube.com/watch?v=-GBirJtq\\_FQ](https://www.youtube.com/watch?v=-GBirJtq_FQ)

Article: O'Neil Bellomo, R. (2020, May 11). How to play hopscotch: Basic rules and five variations. *Parents*. <https://www.parents.com/fun/activities/hopscotch/>

**Theme 7 – Far Out Future**

Prepared by Joy Sodhi, Surrey Libraries

**Main Activity:**

Clip Art from Microsoft 365

**Jokes:**

Elliot, R. (2021). *Laugh out loud: The 1,001 funniest LOL jokes of all time*. NY: Harper, an imprint of HarperCollins Publishers.

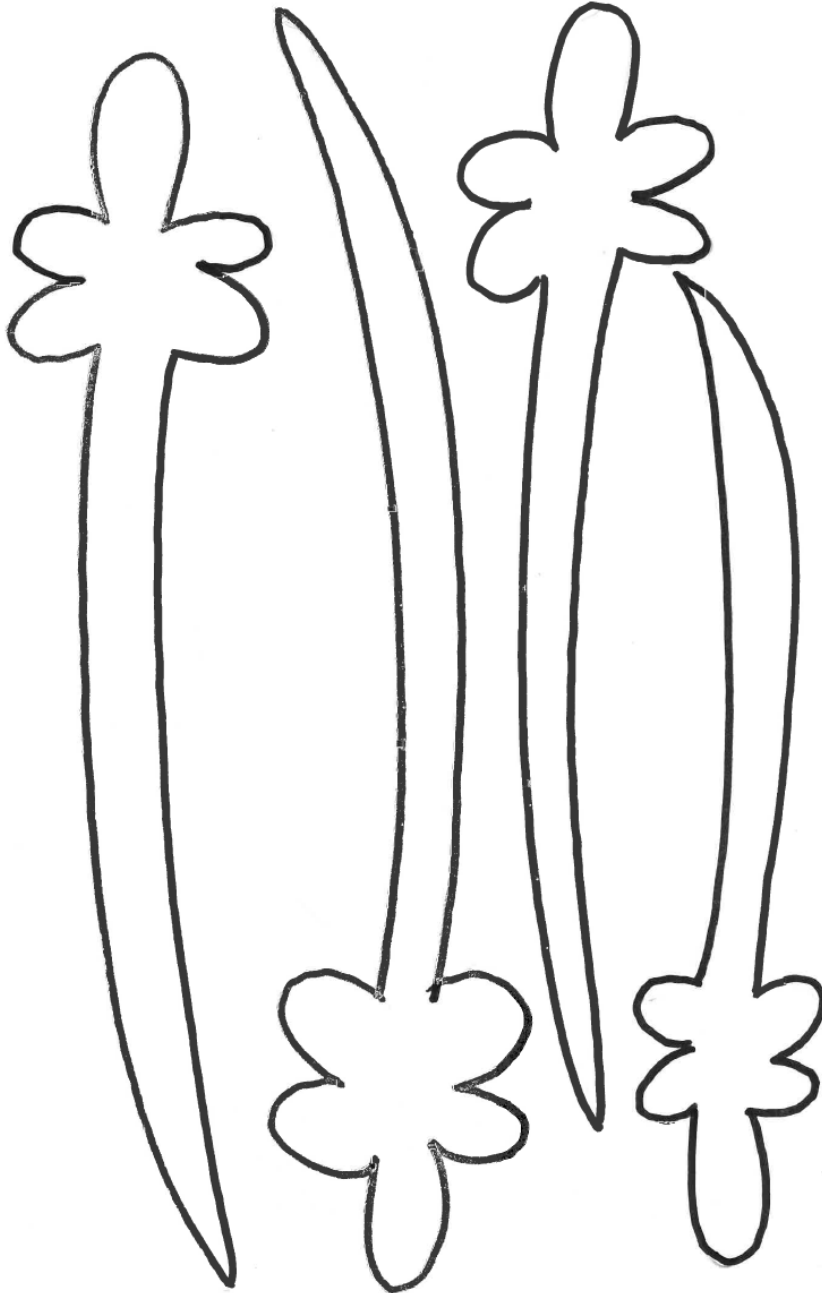
Rosenberg, P. (2011). *Space jokes*. Mankata, MN: The Child's World.

## **Appendix B – Program Handouts and Printables**

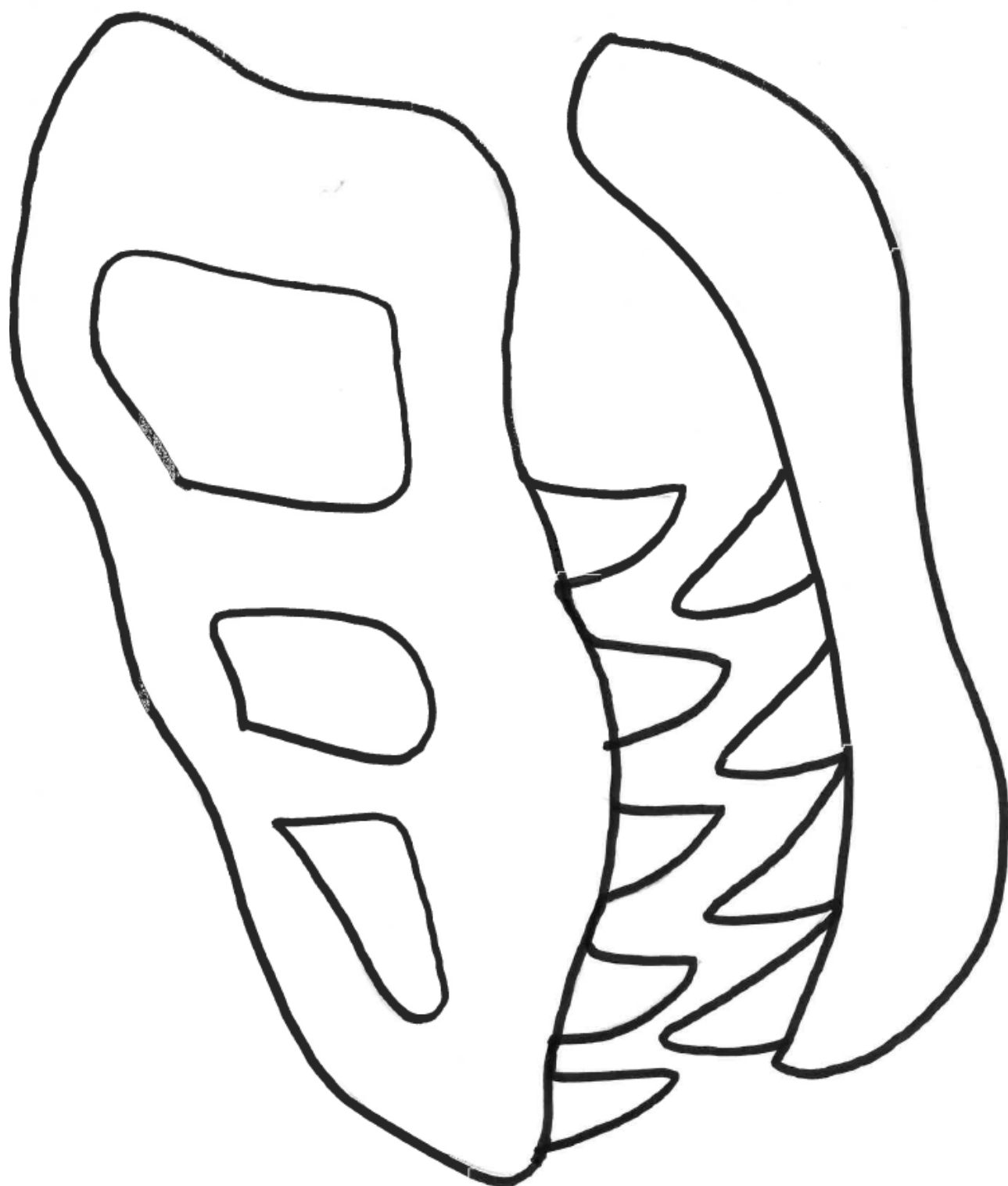
### **Theme 1 – Dynamic Dinosaurs**

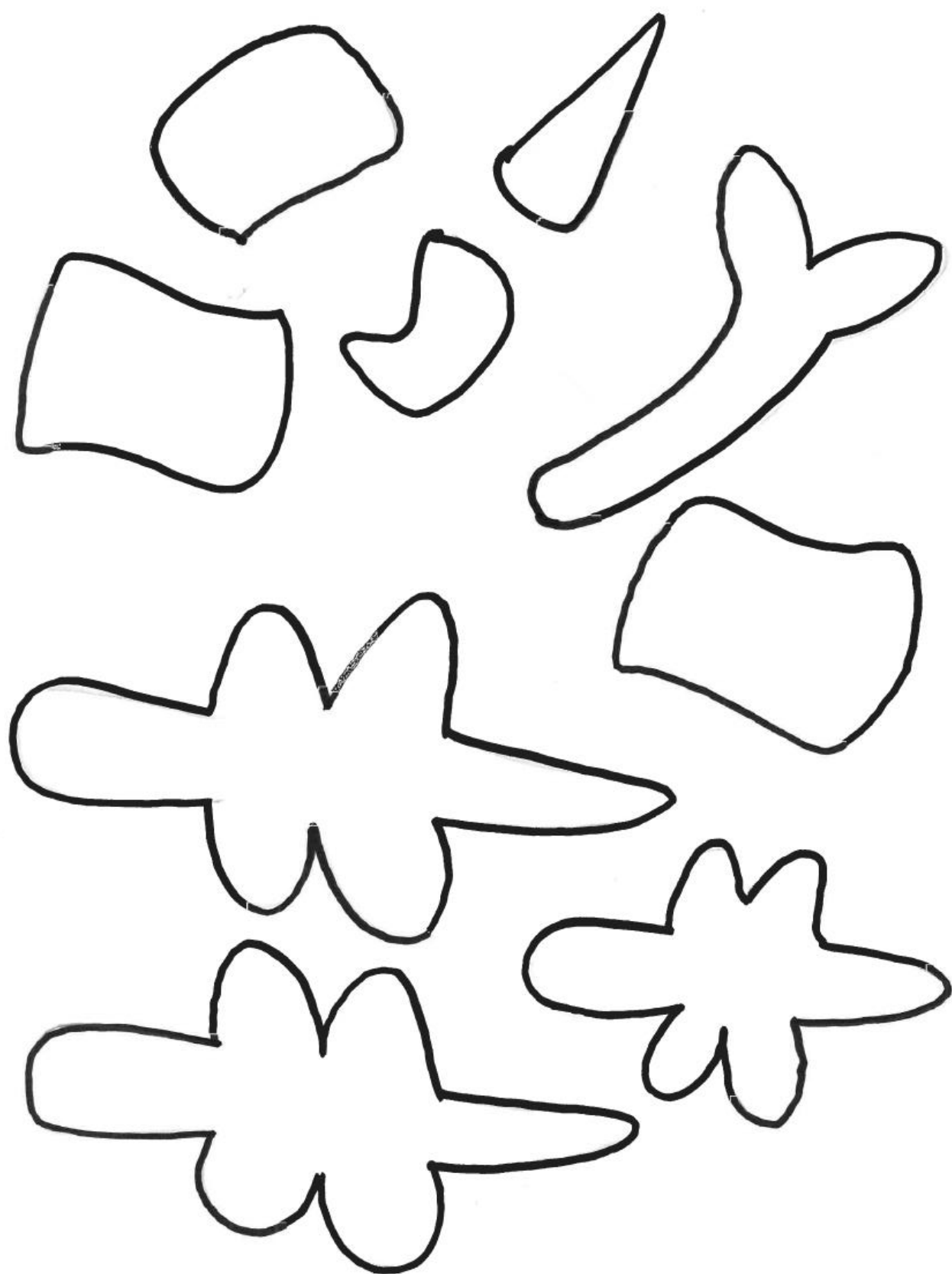
#### **Program – Younger Kids**

*Dino Bones (6 images, black and white)*



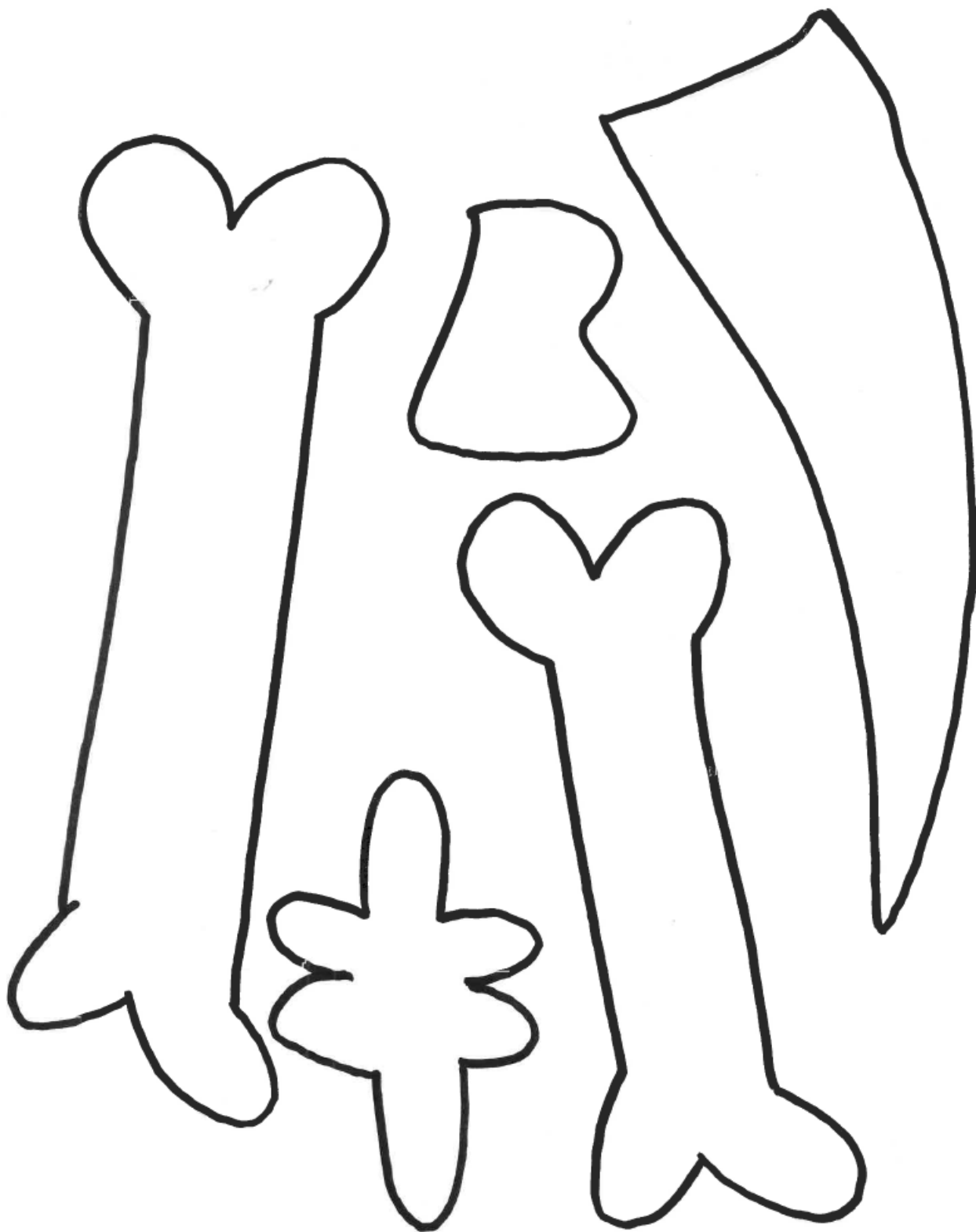












# Roll a Wacky Dinosaur

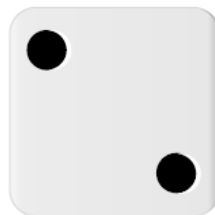
Roll the die as many times as you'd like and watch your wacky dinosaur come to life!



**Add one eye**



**Add some spikes**



**Add one horn**



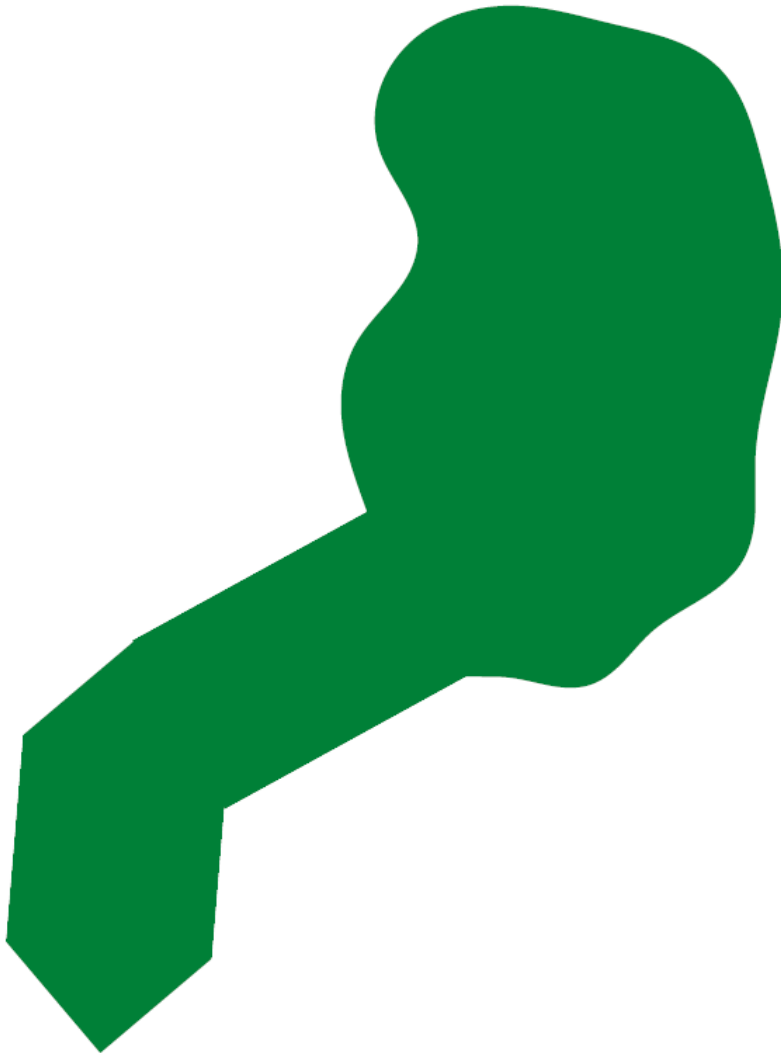
**Add a mouth**

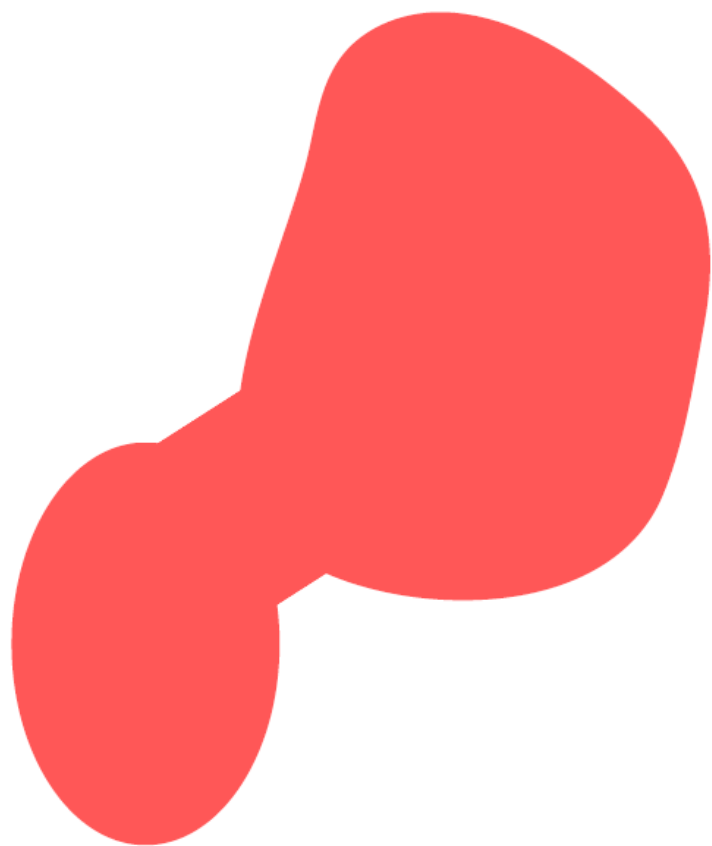


**Add one leg  
or arm**



**Add a tail**



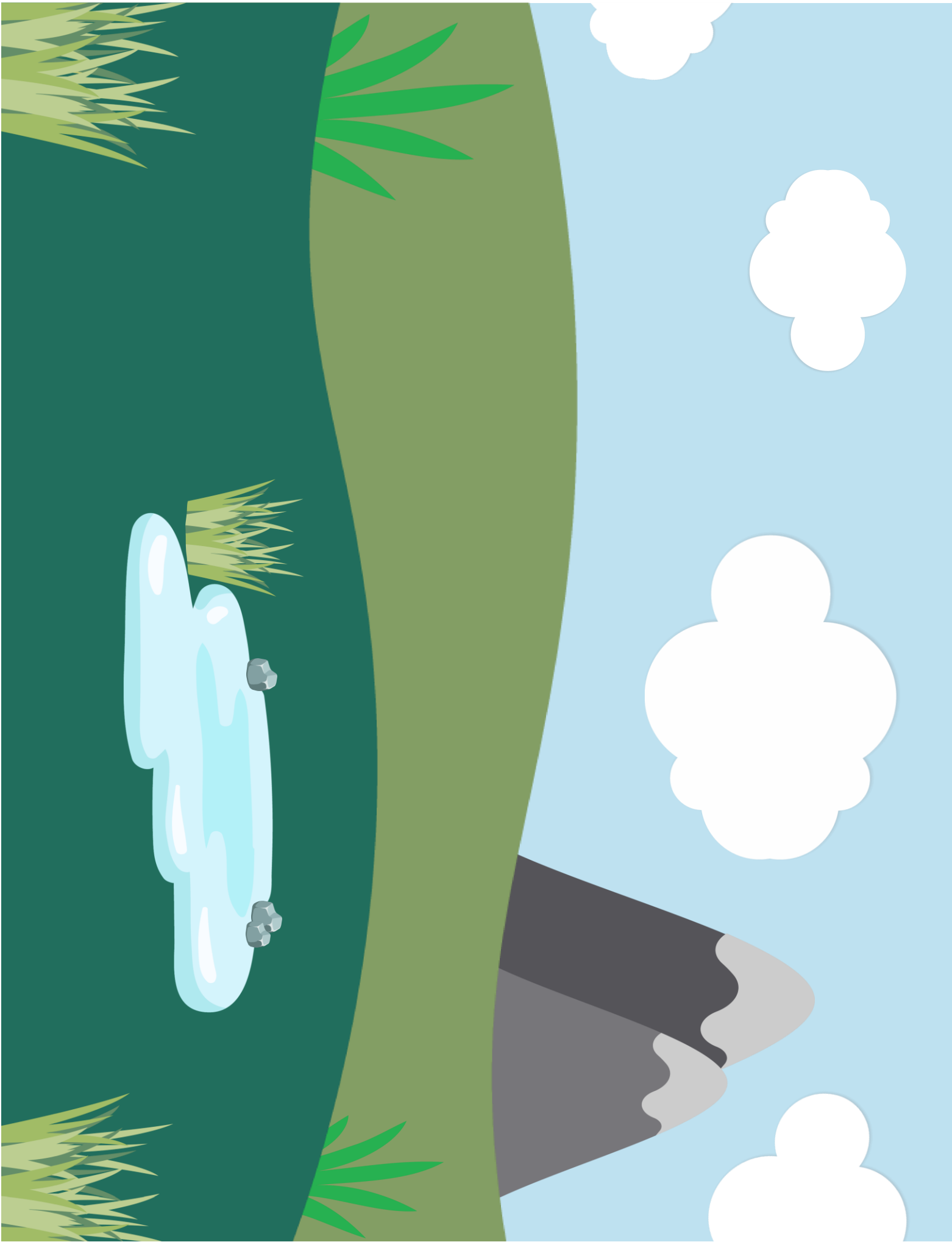


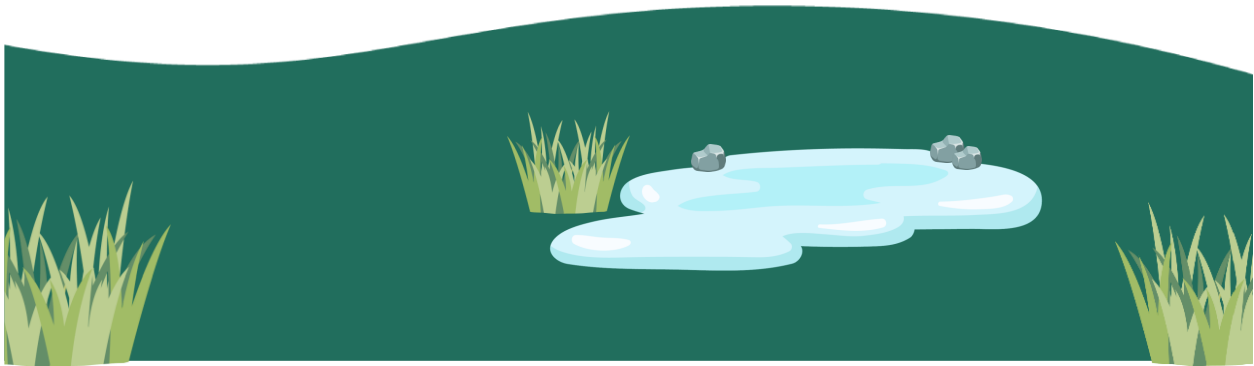


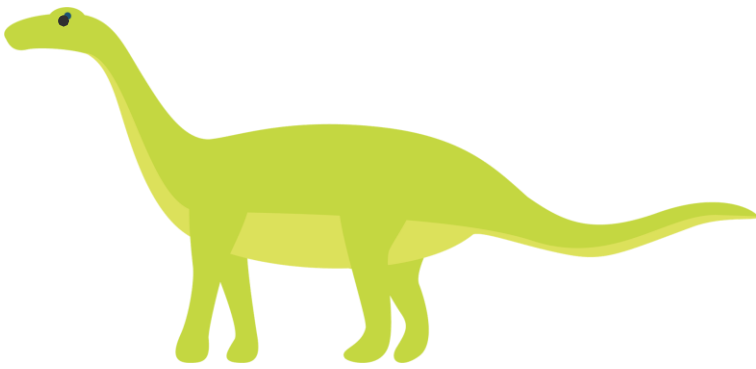




**Program – Older Kids**  
*Dinosaur Backgrounds*  
(4 colour images)



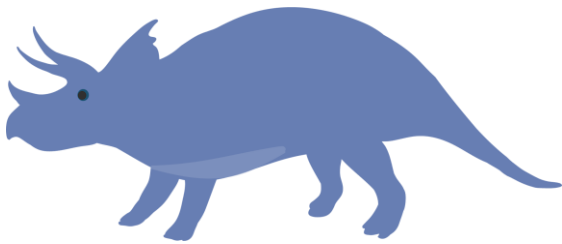




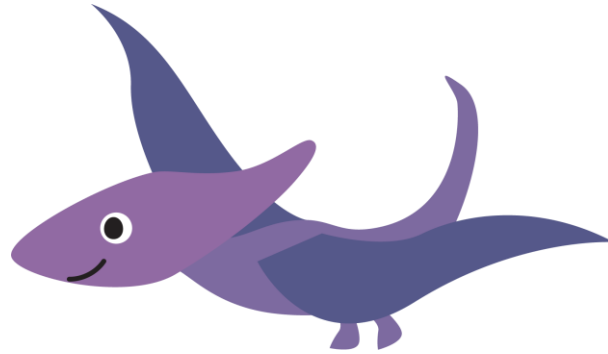
Brachiosaurus - Jurassic Period



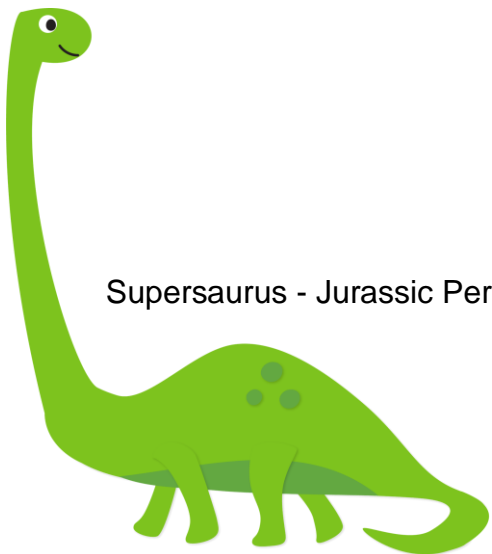
Pteranodon - Cretaceous Period



Triceratops - Cretaceous Period



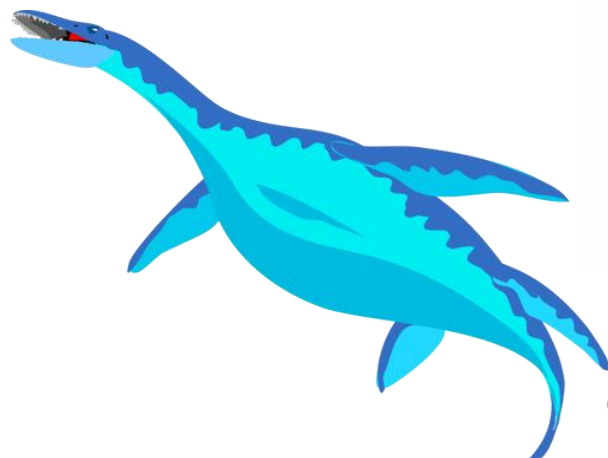
Thalassodromeus - Cretaceous Period



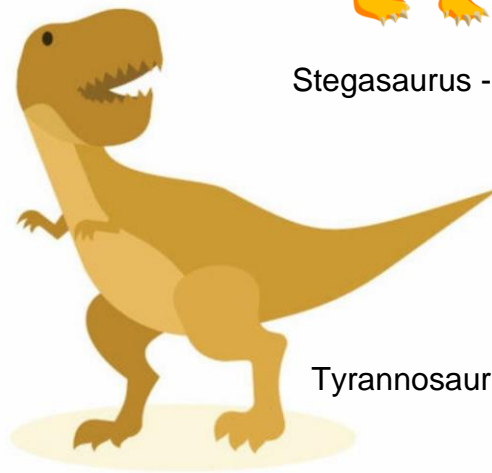
Supersaurus - Jurassic Period



Stegosaurus - Jurassic Period



Cryptoclidus - Jurassic Period



Tyrannosaurus rex - Cretaceous Period

### **Theme 3 – Beautiful Builds**

#### **Program – Older Kids**

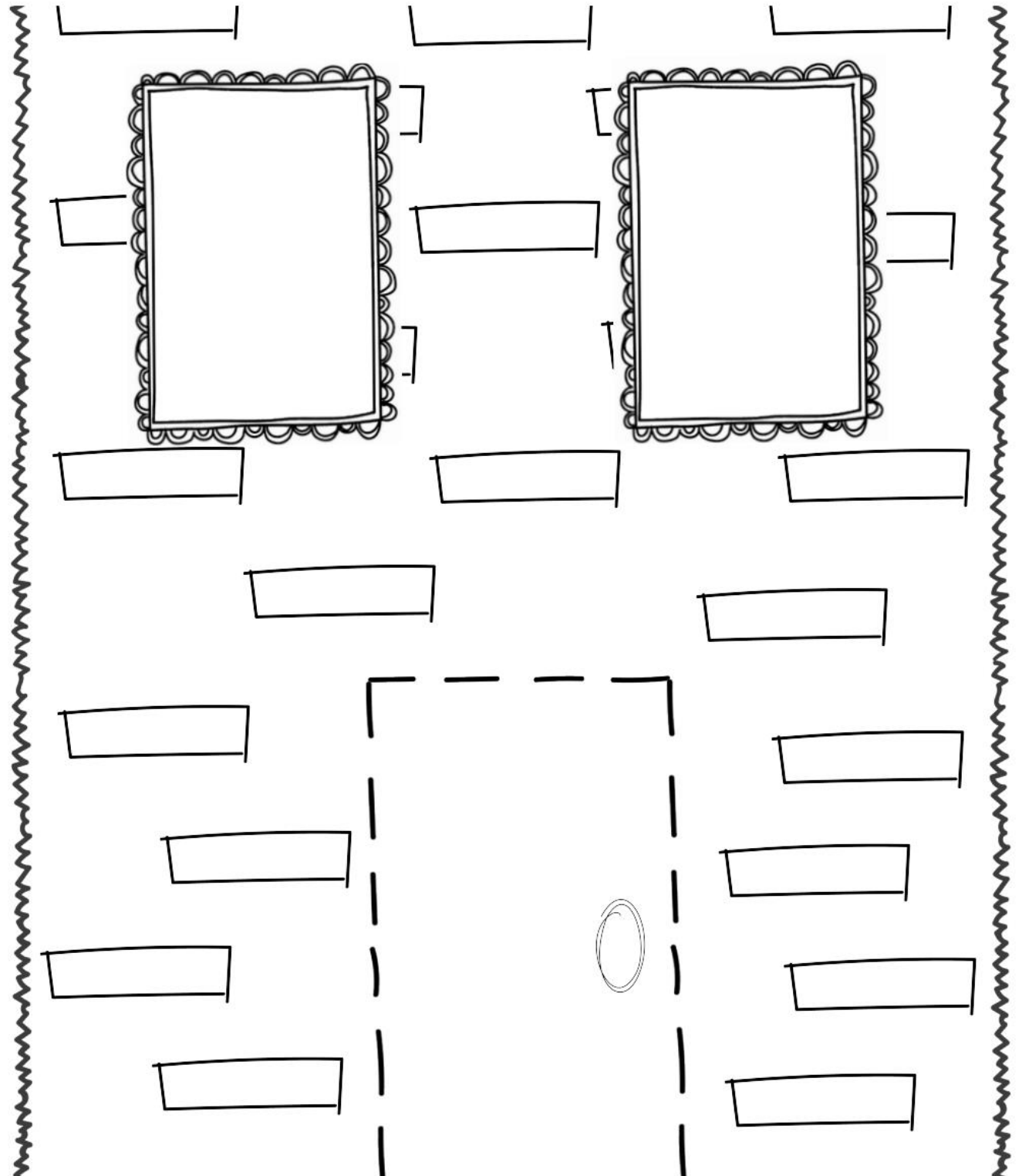
*Building Colouring Sheets (6 total)*

SRC 2023

# Beautiful Builds

Colouring Sheets

Name: \_\_\_\_\_



SRC 2023

---

# Beautiful Builds

Colouring Sheets

---

Name:

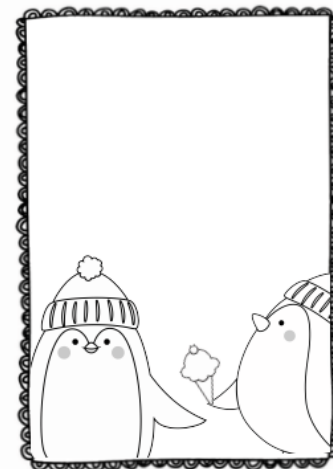
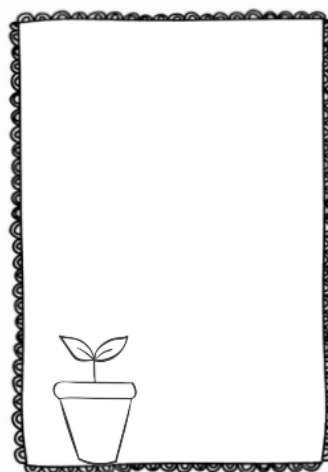
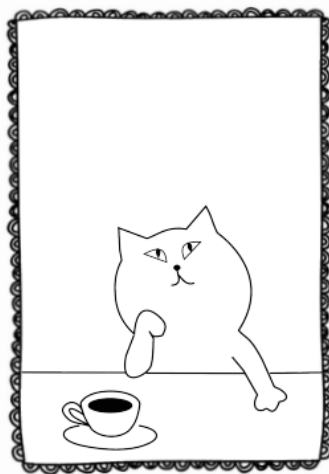


# SRC 2023

## Beautiful Builds

Colouring Sheets

Name: \_\_\_\_\_





SRC 2023

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# Beautiful Builds

Colouring Sheets

---

Name:



SRC 2023

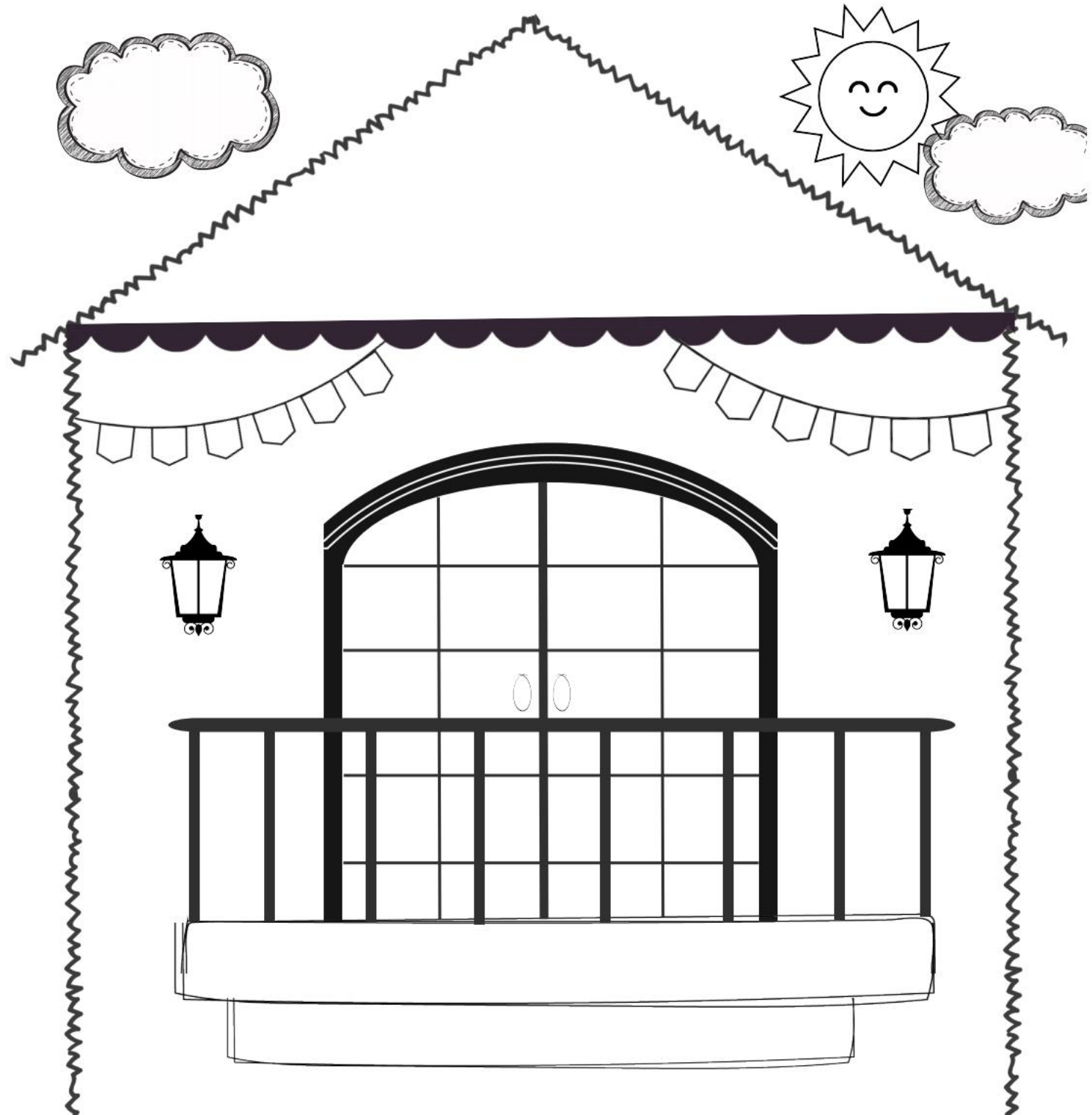
---

# Beautiful Builds

Colouring Sheets

---

Name: \_\_\_\_\_



SRC 2023

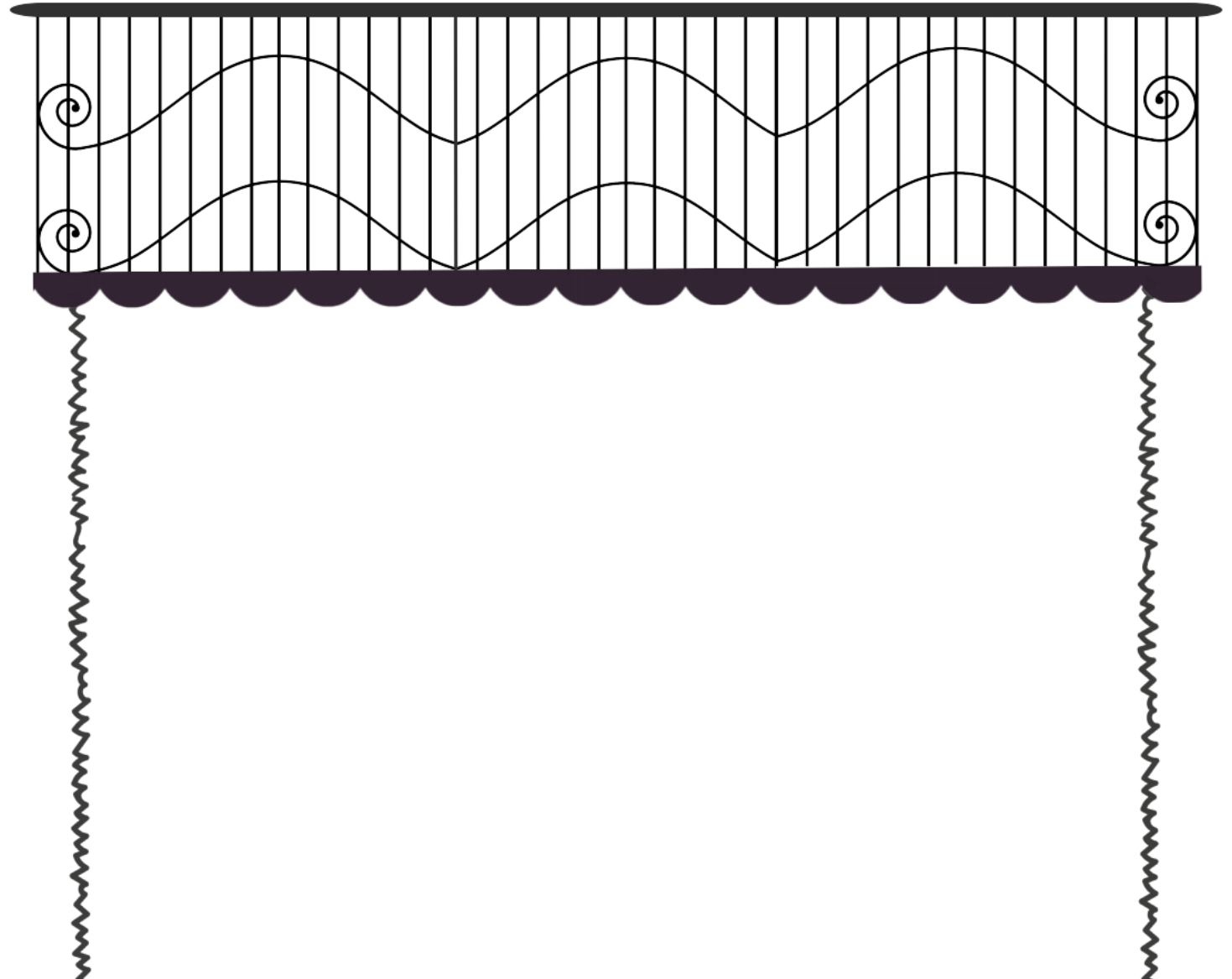
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# Beautiful Builds

Colouring Sheets

---

Name:



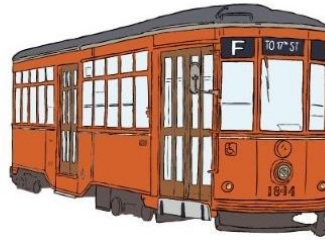
## Theme 4 – Terrific Transportation

Program – Younger Kids

Icebreaker: Vehicle match



bus



trolley bus



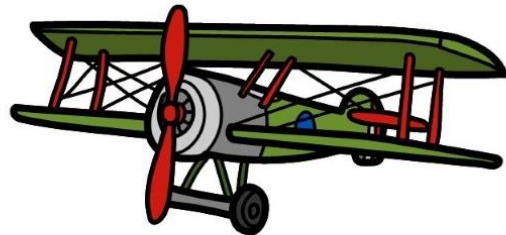
bicycle



bicycle



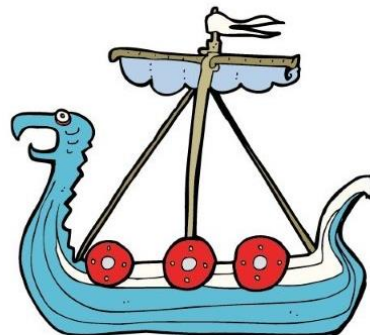
airplane



airplane



boat



boat



train



train



taxi cab



hansom cab



car



car



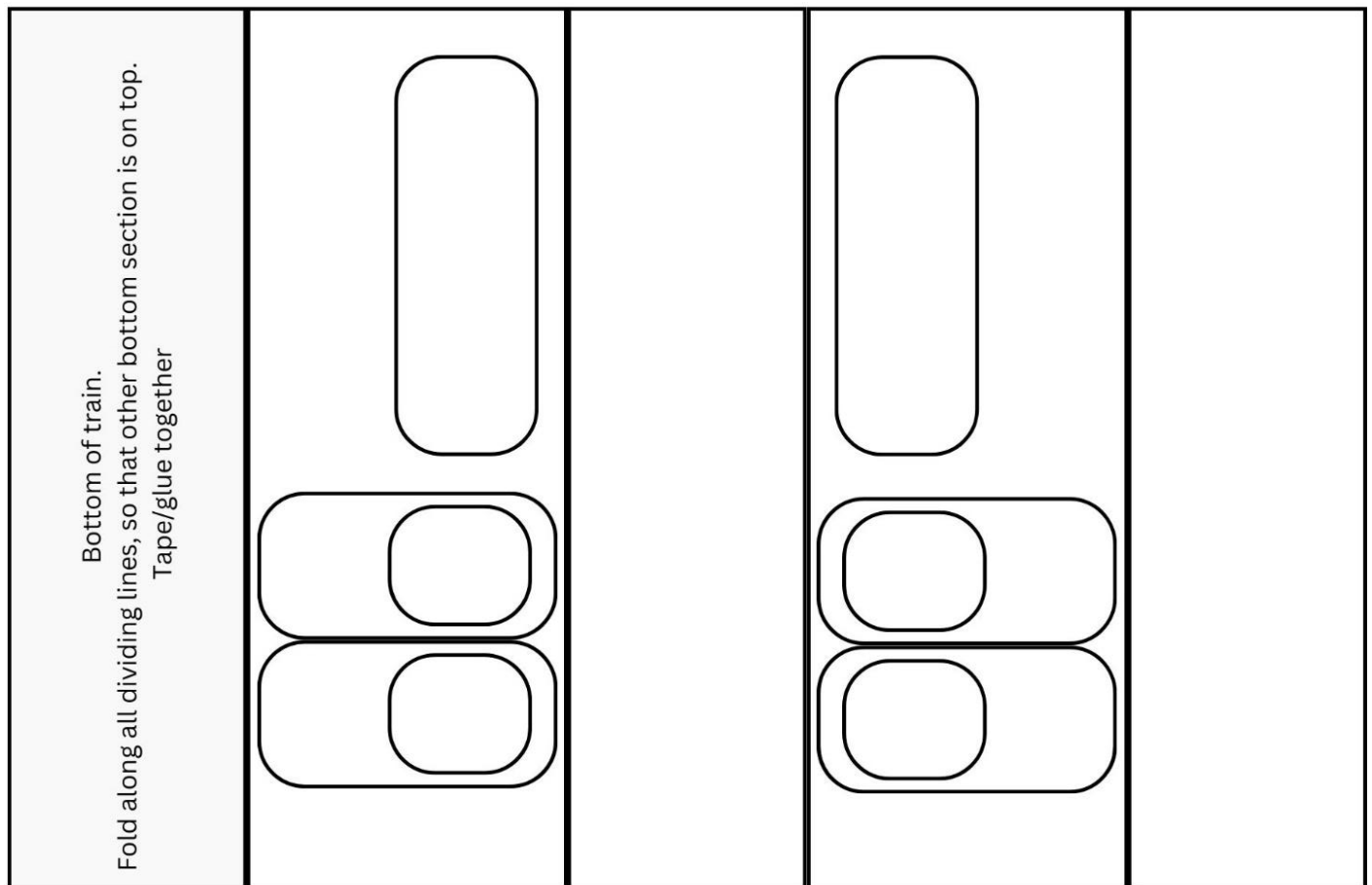
truck



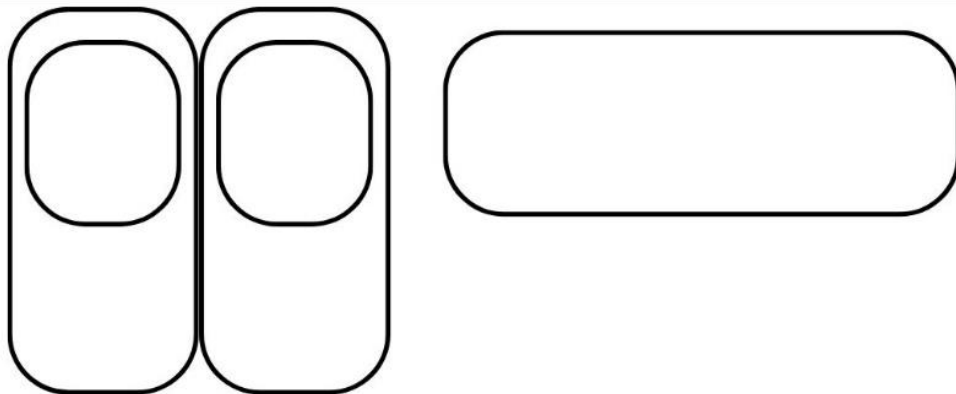
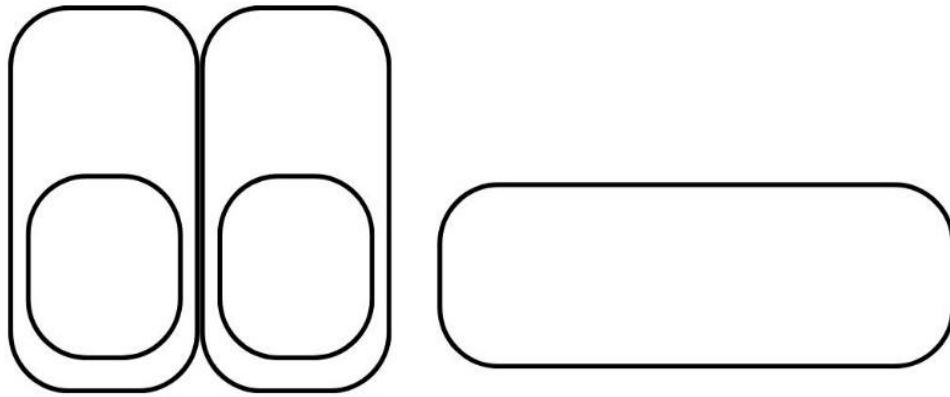
truck

[https://www.canva.com/design/DAFSU5XLHWU/xpc6FLGyMzr2Vnm7Swhyew/view?utm\\_content=DAFSU5XLHWU&utm\\_campaign=designshare&utm\\_medium=link2&utm\\_source=sharebutton](https://www.canva.com/design/DAFSU5XLHWU/xpc6FLGyMzr2Vnm7Swhyew/view?utm_content=DAFSU5XLHWU&utm_campaign=designshare&utm_medium=link2&utm_source=sharebutton)

*Activity: Paper Train Template*  
Two pages (different sizes)



Bottom of train.  
Fold along all dividing lines, so that other bottom section is on top.  
Tape/glue together



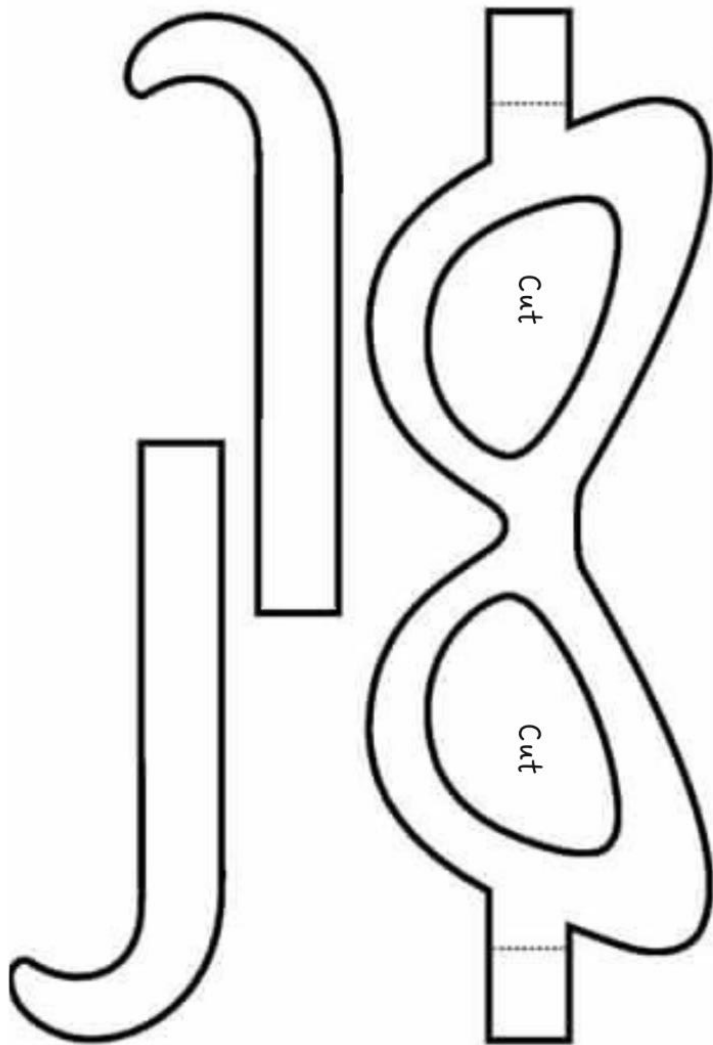
## Theme 6 – Rollin’ with Retro

### **Program – Younger Kids**

*Craft – Make DIY Retro Glasses – Templates*

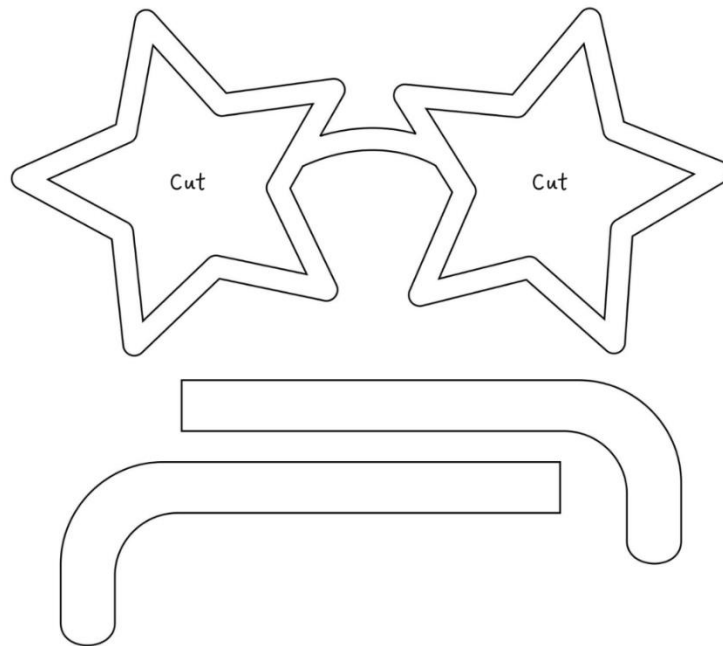
3 styles (1930s Cat Eye, 1970s Elton John, 1980s Shutter Shades)

# 1930s Cat Eye Glasses

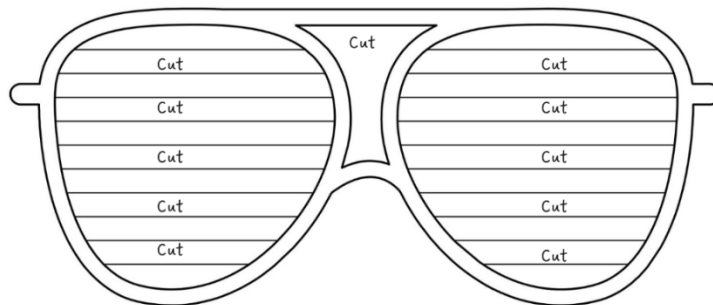




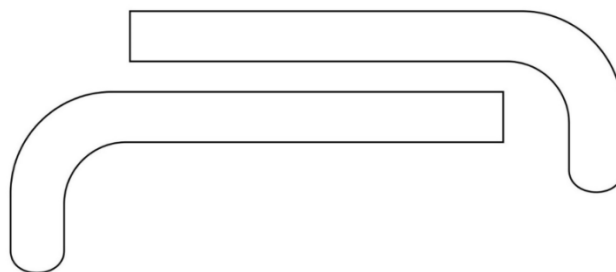
# 1970s Elton John Glasses



## 1980S SHUDDER SHADES



Cut out glasses template, leaving the sticking out ends a bit wider than what is drawn



## Theme 7 – Far Out Future











### Programs – Younger Kids











Printouts: Activity 2 - Translate










### Future Language Translator











## Future Language Translator

Use this to decode the creature's message. Then you can write a secret message and get your family and friends to decode it!

A	B	C	D	E	F	G	H	I	J
									

K	L	M	N	O	P	Q	R	S	T
									

U	V	W	X	Y	Z	!	?	#	
									

0	1	2	3	4	5	6	7	8	9
									

Message 1

## Message 1:



— — — — — — — —



— — — — — — — —



— — — — — — — — — — — —

Response: — — — —

## Future Language Translator

Create your own language to decode the creature's message. Then you can write a secret message and get your family and friends to decode it!

A	B	C	D	E	F	G	H	I	J

K	L	M	N	O	P	Q	R	S	T

U	V	W	X	Y	Z	!	?	#	

0	1	2	3	4	5	6	7	8	9