

Here are some curriculum resources and websites that might be helpful. They have been developed in a variety of places (some in BC and others across Canada and the world) and relate to a variety of topics in science, social studies, and other disciplines. Some have been reviewed and approved by groups like FNEESC (the First Nations Education Steering Committee) or other entities, and others have not. As such, I am not recommending every resource, but rather providing links to them so you can judge if some might be useful and in what context. I've reviewed some of them, while others have just been referred to me. Any feedback about the resources would be welcome, so I know whether to share them with others in the future. This is a working list and can be updated over time!

### **Ten Resources for Children and Youth**

1. [NatureLab](#) – TNC's youth curriculum platform that gives teachers, K-12 students and families everything they need to start exploring and understanding nature around the globe alongside Conservancy scientists. This website includes [virtual fieldtrips](#) (including one to Clayoquot Sound hosted by Tsimka Martin and Eric Delvin) and videos on topics like: "recording the rainforest," "sustainable fishing," "how dirt works," "food and carbon" and "the secret life of corals."
2. [Great Bear Sea curriculum](#) – this website includes resources for elementary, high school and post-secondary students, with a focus on teaching social studies and environmental science. The website includes film segments, research data, local knowledge and place-based stories and explores themes such as Traditional Knowledge, guardian watchmen, herring research, eel grass, clam gardens, marine planning, biodiversity, sustainable resource management and marine stewardship. Highlights embedded in the different lessons you can click through include videos of [Vern Brown telling a story about respect](#), [Doug Neasloss, Christina Service, William Housty, Jennifer Walkus and Megan Moody talking about bear research](#) and [Doug Neasloss providing some information on KITASOO / XAI'XAIS history](#).
3. [Hakai Institute](#) - this website has videos and blogs on topics such as "the ocean's hidden food web," "a window into the lives of resident killer whales," "Hakai wild: skunk cabbage," "the importance of kelp," "beauty and the feast: when herring come to spawn," "scientific mapping has entered the drone era" and "an old sea otter's final dive."
4. [Sierra Club BC Online Classroom](#) – this website has place-based curriculum resources and ideas to help connect students and families to nature. Activities and resources include a Google classroom site that can be accessed using the code XULWFC2 (currently has a downloadable greenspace exploration journal and a salmon colouring sheet and new resources are continuing to be added here), as well as [plant Bingo](#), nature memory game, sit spot activity and nature scavenger hunts.
5. [Pacific Wild curriculum resources](#) – under the "Learn," "Multimedia" and "IMAX" tabs on their website, they have [videos](#) and resources tied to the [Great Bear Rainforest IMAX film](#) (including [behind the scenes video clips](#) that they will continue to update) and other videos / lessons on the [Great Bear Rainforest](#), [sea wolves](#), [salmon bears](#) and [marine protection education](#).

6. [National Centre for Collaboration on Indigenous Education](#) - this website has a diverse array of resources for teachers, parents, students, youth and families. There are several videos on this website sharing stories of cool programs focused on harvesting, environment, curriculum, culture, colonialism, climate change and food / food security. There's also a link from this website to [Think Indigenous](#) – this is a YouTube channel with a few new videos each week for students in grades K – 8 on different topics such as the Medicine Wheel, storytelling, Cree culture, the cultural importance of hair and braids, and stress management / mental health.
7. [Teaching Aboriginal Education](#) – this website has several lesson plans that can guide kids, families and educators through activities like making a culture string, a wonder wall and Medicine Wheel agreement. There are also some environmental education guest lecture clips on here.
8. [First Nations Education Steering Committee \(FNESC\) Suggestions](#) – FNESC has published a document called “Suggestions for Continuous Learning” that can be downloaded from the hyperlink. The Appendices of the document include ideas and templates for scavenger hunts, designing your own board game, interviewing a community role model, going on a self-guided outdoor walk, appreciating family through different activities (e.g. virtual dinner party), paper airplane science, making a plant collection, being a video game critic and being a snack critic.

FNESC has also recommended the following resources (and more that are in their continuity of learning document – worth the download!):

#### For K4 – Grade 3:

- [The Learning Circle](#) – this website is focused on classroom activities related to First Nations in Canada for 4 to 7-year olds. It provides activities for families that are hands-on, based in nature, include short stories, and help to teach values such as sharing.
- [Chatterpix Kids!](#) - this is a fun, free app that can be used for storytelling. Children can take a picture of any object and the app magically animates it with a talking mouth. Download the app on your phone or tablet.
- [Math card games](#) – with just a deck of cards, students of all ages can use simple and fun card games to build skills ranging from simple addition and subtraction to fractions, decimals and exponents.
- [How to Grow a Garden from Kitchen Scraps](#) - This short video shows kids how to take everyday vegetables, soak them, and wait for the roots to arrive. Any suggested activities should be considered with the items that families currently have in their homes.
- [Geering Up Online](#) – this is through the University of British Columbia. Every day, Geering Up brings a new STEM experiment and activity. This site breaks down the scientific concepts behind the activity and offers suggestions for how to try the activity at home. Live-streams will bring interactive and exciting experiences for viewers of all grades!

#### For Grades 4 - 7

- [First Voices](#) – this website has a kids' section and allows students and families to learn simple phrases and words for First Nations Languages in BC.

- [CircleRound](#) – a web site that provides carefully selected folktales from around the world that have been adapted into sound and music-rich radio plays for kids (e.g. “The Search for Rain” from Argentina, “The Song of the Horse” from Mongolia and “The True Mother” from Japan. You can also print out [colouring pages](#) to go along with the stories and colour while you listen.
- [Khan Academy](#) - a website that provides free, fun online learning classes (with assessments) for math, science, storytelling, computer programming, history, art, economics and much more!

#### For Grades 8-12 and Adult Learners

- **Podcasts** - science and technology related podcasts that will ignite student curiosity and wonder about the world of science. Topics range from “Do plants have feelings?” to “Dreams: The science of a sleeping brain” to “Narwhals: Unicorns of the sea.” Two neat podcasts to check out are [Wow! In the world](#) and [Brains On!](#)
9. [Directed Drawing Lesson on How Raven Stole the Sun](#) – this is a 1.5 hour long YouTube video in which First Nations artist and carver Quentin Harris (who is also SD64/Gulf Islands School District’s Cultural Advisor) retells and draws step-by-step a visual interpretation of How Raven Stole the Sun. Students are invited to create their own masterpiece and learn a little culture. All they need is a piece of paper and a pencil.
  10. [Royal BC Museum](#) – their [learning portal](#) offers several activities for kids including interactive learning about simple machines, glass sponges, how dinosaurs are named and the [Great Bear Rainforest](#) (this page includes videos about Royal BC Museum researchers in the Great Bear Rainforest and images from BC Archives and the Royal BC Museum on research trips). As well, every [Wednesday](#) at 11 am Pacific time starting April 1, the museum is offering live activities for kids. April 8’s focus is on “Building a Critter,” April 15 is called “Tide Pool Doodles,” and April 22 is on Earth day and focused on looking at, wondering about and drawing fish.

## Fifteen More Resources Just For Fun

1. **Fun Challenge from the [Getty Museum](#) (in California)** – this museum seeks to inspire curiosity about and enjoyment and understanding of the visual arts and they have issued a neat challenge (that could be replicated with art from anywhere) to recreate a work of art with objects and people in your home. They also have some [K-12 student resources](#) on their website. These include links to learn about watercolours, writing and transcribing music in the middle ages, and a challenge to [decorate your home like a Roman](#).



The image is a screenshot of a tweet from Getty Museum (@GettyMuseum). The tweet text reads: "We challenge you to recreate a work of art with objects (and people) in your home." Below the text are three numbered steps: 1. Choose your favorite artwork, 2. Find three things lying around your house, and 3. Recreate the artwork with those items. At the bottom of the tweet, it says "And share with us." Below the text are four small images arranged in a 2x2 grid. The top-left image shows a painting of a spotted horse and a sculpture of a horse. The top-right image shows a woman in a pink dress and a man in a white shirt. The bottom-left image shows a cardboard box and a black trash can. The bottom-right image shows a tea set with a teapot and cups.

2. **[National Geographic Kids](#)** – this website includes tons of videos about animals (e.g. yawning otter), exploration (e.g. best job ever), science (e.g. kids vs. plastic), fun facts and more. There are also some games online including quizzes about the moon and mars, an animal pattern personality quiz and a beaver badminton game.
3. **[Primary Playground Facebook Page](#)** – has several ideas for grades K-3 students including scavenger hunts (e.g. shapes scavenger hunt, inventor scavenger hunt), a neighbourhood bear hunt and an octopus colour by numbers sheet.
4. **[Planet Protector Academy](#)** – Planet Protector Academy is running a “home edition” of a water conservation and protection program developed by DreamRider Productions, a Canadian charity focused on engaging the heart, mind and spirit of each child to inspire a new generation of environmental superheroes. In this home edition program, kids are led by DreamRider actors through daily live webcasts in a four-part program that teaches kids about

important water issues and inspires them to become water superheroes. The program is designed for kids ages 6 – 11 and each module includes engaging educational videos, fun arts-based activities to express learning, superhero missions to lead change at home and tips/tools to stay calm and safe during COVID. Here is the [link to register](#) for Zoom programming for the week of April 6. You can also check out their [teacher resource](#) here.

5. [Go Noodle](#) - this fun, kid-friendly site gets kids to move their bodies and includes active games (e.g. the [Cookie Boogie](#)), yoga, mindfulness activities, and confidence boosters. It looks like you may have to create an account or download their free app to access all their resources, although you can look at their weekly list of Move and Learn at Home [Good Energy](#) activities through their website only.
6. [Musqueam First Nation Teaching Toolkit](#) – this website contains several [stories](#) (e.g. Potlatch at Jericho Village) from the Musqueam Nation, as well as [language resources](#) and a [video gallery](#) of community members talking about topics like plants, smoking fish, canoes, weaving, environmental impact and duck hunting.
7. [Active For Life](#) – this group has a list of 42 easy (no-parent needed) activities to keep kids busy while parents work at home, including a toy wash, camp out, cereal necklaces, sidewalk chalk, digging in the garden and lily pad hopping.
8. [First Nations Health Authority’s suggested list of activities](#) – [activities](#) for engaging kids, including colouring, cooking / eating together, puzzles, crafts, storytelling and making drums. The page also includes a [link to a document](#) on how to keep kids active during a pandemic (including ideas like I Spy, Freeze Games and Going on a Bear Hunt).

**FNHA has also shared some fact sheets on [traditional foods](#)** – this information could be interesting for older students or adults who are curious about history of use, species, traditional harvesting methods, traditional food use and nutritional content in several different foods. There’s information on salmon, eulachon, herring, shellfish, moose, deer, small mammals like rabbits, birds, seaweed, roots and berries (and a couple of recipe ideas at the end!).

9. [Open Schools BC](#) – this website is linked to the province of British Columbia and has a daily activity for kids (today’s is: how many jumping jacks can you do?) as well as ideas for everyday learning activities and learning from home.
10. [Camp Goodtimes](#) – this camp is for children and families who have been affected by childhood cancer and their “[Goodtimes at home](#)” activities include fun for the whole family broadcast through Facebook. Some highlights include Animal Yoga on Friday April 10<sup>th</sup> at 10 am and a campfire from home on Wednesday April 15 at 7 pm. There are also Mindful Monday crosswords, Tricky Tuesday riddles and Would You Rather Wednesday questions.
11. [Vancouver Aquarium](#) – the Vancouver Aquarium is live streaming classes on everything from sharks to ocean plastics as well as giving kids free access to DIY tutorials on how to make lip balm, plastic-free glitter and more. You can also watch sea otters, jellyfish and penguins in one

of the aquariums live animal web cams or meet virtually with aquarium educators for a live deep dive into topics like conservation or reptiles and amphibians (there is a cost for this last opportunity). Here's the link to the [Vancouver Is Awesome article](#) written about the Aquarium's offerings.

12. **Outdoor survivor classes by Caleb Musgrave** – these classes are offered by an Anishinaabe man (from Hiawatha First Nation) who owns and operates an outdoor education school called Canadian Bushcraft. He is doing free workshops online on topics like knife skills, tools we take in the woods, making rope from bark and more. [Here](#) is an article written up on his efforts that includes the link to one of his videos.
13. **Little Robot Friends** – this is a page where kids can learn about coding, electronics and how technology works. They are also posting daily challenges for kids to do at home.
14. **Virtual Marine Biology camp** – this is through Oceans Initiative, a Seattle-based group run by scientists with marine mammal expertise who mostly research orcas and white-sided dolphins. You'll need to navigate to their Facebook or Instagram (which are linked on their main page) to view the live component every Monday and Thursday at 11 am PST. Scientists will be hanging out online talking about whales, dolphins and other marine life. There is a nice writeup on this initiative [here](#).
15. **Bubble Spinner game** – for when you are really bored, this game can entertain you for a long time! You do need flash to play it.