Government of Northwest Territories

Denededline Intro

Continuity of Learning: Resources for Distance Education

May 2020 www.ece.gov.nt.ca



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The <u>NWT Education Bulletin (</u>released March 31, 2020) developed in partnership with Northwest Territories (NWT) education bodies and the NWT Teachers' Association (NWTTA), lays out the framework for continued learning for schools and teachers across the territory.

Teachers and schools are responsible to deliver curriculum, dependent on their unique circumstances and capacity. While not all students will have computers or access to the internet it is assumed that all teachers will have access.

The following resources are recommendations to help support teachers in meeting curriculum expectations and selected learning outcomes during this time of distance learning. In some cases, teachers may choose to share the links with parents and guardians.

The recommended resources are grouped as follows:

- 1. Multi-Grade and Multi-Discipline Resources;
- 2. English Language Arts and Literacy Resources;
- 3. Numeracy and Math Resources;
- 4. Science Resources;
- 5. Social Studies;
- 6. Physical Fitness; and
- 7. Prince of Wales Northern Heritage Centre Resources.

Please note that some resources may require creating a user account or paid subscriptions; teachers are asked to continue to follow their education bodies protocols when creating accounts or buying subscriptions for online resources.



Multi-Grade	Multi-Grade and Multi-Discipline Resources			
Resources	Target Grades	Description	Link	
Creative Commons	All grades	Images that are copyright free under some-rights reserved licenses.	https://search.creativeco mmons.org/	
Media Smarts for Parents	All grades	A parent support for children's use of media. Includes blogs, tip sheets, guides, workshops, tutorials, videos, games to help parents navigate healthy use of information and media.	https://mediasmarts.ca/ parents	
TED-Ed	All grades	Free video hosting site with support for students, parents and teachers affected by COVID-19, organized by elementary, middle, and high school levels.	https://ed.ted.com/daily newsletter	
The Critical Thinking Consortium (TC2)	All grades	Provides teaching and learning materials specifically designed for online, including student self-assessment ideas for projects done at home. (Subscription required)	https://tc2.ca	
Overdrive	All grades	Free e-books available until June 30.	https://company.overdri ve.com/2020/03/17/sor a-reading-app-extends- no-cost-ebooks-and- audiobooks-to-remote- learners/	
Epic!	All grades	Free e-books available for parents for 30 days and available to teachers until June 30.	https://www.getepic.com	



Multi-Grade	Multi-Grade and Multi-Discipline Resources			
Resources	Target Grades	Description	Link	
Pearson School Canada	All grades	Open access to textbooks and other resources through e- texts.	https://www.pearsoncan adaschool.com/index.cfm ?locator=PS3eZw	
PBS Learning Media	All grades	A website with interactive videos and lesson plans for all grades and useful for ELA, Math, Science, and Art. It is also compatible with Google Classroom.	https://www.pbslearning media.org	
Twinkl	Grades JK-6	A website with resources for core courses. Resources are free when account is created.	<u>https://www.twinkl.ca/r</u> <u>esources/canada-</u> <u>teaching-resources</u>	
Tumble Books	Grades K-9	An e-resource from NWT libraries, providing open access without library cards. It includes interactive activities.	https://www.ece.gov.nt.c a/en/services/libraries/li brary-eresources	
Media Smarts	Grades 4-12	A media literacy site with videos, tutorials, lesson plans on validating information and authenticating sources.	<u>https://mediasmarts.ca/</u> <u>break-fake</u>	
Brain Pop	Grades 1-9	An animated interactive education website for subjects such as Science, Social Studies, English, Math, Arts & Music, Health, and Technology. All NWT schools have full access; Education Bodies have usernames and passwords. BrainPop Junior is accessible without a login.	https://www.brainpop.co m/	



English Language Arts and Literacy Resources NWT Language Arts Curriculum: <u>https://www.ece.gov.nt.ca/en/services/curriculum-and-school-list/english-language-arts</u>			
Resources	Target Grades	Description	Link
ABC Exercise Cards	Grades JK-1	Printable cards which outline an active task for each letter of the alphabet.	https://www.homeschoolshar e.com/ABC Exercise Cards.ph p
Sticky Note Wall Bop - ELA Activity	Grades JK-2	Attach sticky notes to the back of a door and write a different letter on each one (in random order). Parents can make a "start" line a few feet away from the door and have the child behind it with a soft ball, bean bag, stuffed animal or pair of rolled up socks. Parent should instruct them to throw their object to try and hit the "A" or the "T" or spell the word. For younger students, parents can use pictures instead of letters.	
Teach Your Monster to Read	Grades JK-2	A literacy app which covers everything from letters and sounds, to reading full sentences.	https://www.teachyourmonst ertoread.com/
Scholastic F.I.R.S.T Literacy app	Grades JK-2	A literacy app following an adventure on Ooka Island, focusing on foundational reading skills. (Subscription required)	http://www.scholastic.com/ed ucation/ookaisland/#/
Starfall Literacy app	Grades JK-3	A literacy app which specializes in reading, phonics & math - educational games, movies, books and songs.	https://www.starfall.com/h/



English Language Arts and Literacy Resources NWT Language Arts Curriculum: https://www.ece.gov.nt.ca/en/services/curriculum-and-school-list/english-language-arts **Resources Target Grades** Description Link **Raz Kids** Grades 1-6 A comprehensive literacy app and online guided reading https://www.raz-kids.com program with interactive e-books, and downloadable books. Literacy app Reading Grades 1-6 Research-based lesson ideas for ELA and literacy. It offers https://www.readingrockets.o **Rockets** resources on how young students learn to read, why so rg/ **ELA resources** many struggle, and how caring adults can help. **PBS Storyline** Grades 1-6 A website with videos of celebrities reading children's https://www.storylineonline.n Online books aloud. <u>et/</u> The Balanced Grades 1-8 A free website with lesson ideas for ELA, literacy, reading https://www.oise.utoronto.ca/ balancedliteracydiet/Home/in **Literacy Diet** and writing instruction. dex.html **Ontario Library** Grades 1-9 https://www.accessola.org/we Lists of age-appropriate books. Associationb/OLA/Forest of Reading/No Forest of minated Lists/OLA/Forest of Reading **Reading/Current Program Yea** <u>r.aspx</u> **Read Write** Grades 1-12 ELA and literacy lesson plans and activities adaptable for http://readwritethink.org/ Grades 1-9 NWT and Grades 10-12 Alberta curriculum. Think (NCTE)



English Language Arts and Literacy Resources

NWT Language Arts Curriculum: <u>https://www.ece.gov.nt.ca/en/services/curriculum-and-school-list/english-language-arts</u>

Resources	Target Grades	Description	Link
Poem Generator	Grades 4-12	An interactive website for creating poems.	<u>https://www.poem-</u> generator.org.uk/
No Red Ink Writing skills app	Grades 5-12	A writing skills app with an online language-learning platform. It focuses on writing and grammar skill development.	https://www.noredink.com/
Reading Apprenticeship	Grades 5-12	Literacy strategies within subject areas and includes downloadable resources for all disciplines.	https://readingapprenticeship. org/publications/downloadabl e-resources/
Alberta Education Lesson ideas	Grades 10-12	Lesson activity ideas in the Guide to Implementation.	https://education.alberta.ca/m edia/160443/ela-10-12-guide- to-implementation.pdf
ECE Literacy 10, 20, 30 Curriculum	Literacy 10, 20, 30	The front matter of the Literacy 10, 20, 30 curriculum has some broad ideas for lesson activities and includes a module called "land as text."	https://www.ece.gov.nt.ca/en/ services/curriculum-and- school-list/english-language- arts



Numeracy and Math Resources NWT Math Curriculum: <u>https://www.ece.gov.nt.ca/sites/ece/files/resources/2016_k_to_9_math_pos.pdf</u>				
Resources	Target Grades	Description	Link	
Riddles and Open-ended Questions	All grades	Riddles and open-ended questions can be used for any age group. Teachers can provide a daily (or weekly) question that has multiple possible answers.		
		For example: "I was in my yard today and under my fence, I saw 10 animal legs. Which animals do you think might have been standing on the other side of the fence?"		
Math Walks	All grades	Walks can be combined with counting activities (number of vertices, number of corners). Teachers can suggest families go for a walk and point out the different geometric shapes (shape of a house, or of rocks or tree trunks). Suggest families explain how they know which shape it is, using its characteristics (it has 3 sides, it is curved, etc.)		
Card games and Board games	All grades	Games provide children an opportunity to develop many competencies and skills related to numeracy. Examples of card games include: Crazy Eights, Go Fish, Solitaire, Connect Four, Yahtzee, Jenga, Checkers, Snakes and Ladders, Tic-Tac-Toe, Quirkle or matching games.		



Numeracy and Math Resources NWT Math Curriculum: <u>https://www.ece.gov.nt.ca/sites/ece/files/resources/2016_k_to_9_math_pos.pdf</u>			
Resources	Target Grades	Description	Link
Cooking	All grades	Children can count or measure out ingredients, read a recipe and follow the steps in a recipe in sequence.	
Circuit – Directional Language	All grades	Set up a circuit using everyday objects. As students move through the circuit, they can explain what they are doing using positional language. Can also be great for use in Indigenous language.	For example: <i>"I am walking over the block, under the hockey stick, through the tunnel, etc."</i>
IXL Math activity website	All grades	Teachers can choose specific activities aligned with their objectives for the week and provide direct links to parents and students.	https://ca.ixl.com/
Building Blocks	Grades JK-4	Children can create objects or patterns using a certain number of blocks (using at least 20 blocks or exactly 17), or can be asked to construct the highest possible tower and count the number of blocks in it.	
Tape Shape Game	Grades JK-4	Use tape to put a variety of shapes, letters and/or numbers on the floor. Have the child stand on their favorite one then give them instructions to follow that will lead them to their next destination.	For example: "Bear crawl to the square." "Hop like a frog to the T." "Run to the rectangle."



Numeracy and Math Resources NWT Math Curriculum: <u>https://www.ece.gov.nt.ca/sites/ece/files/resources/2016_k_to_9_math_pos.pdf</u>			
Resources	Target Grades	Description	Link
Khan Academy	Grades 4-12	This website provides video tutorials on a large range of math and science topics.	<u>https://www.khanacade</u> <u>my.org</u>
Jigsaw Plant	Grades JK-3	For this age range, choose puzzles with 24 to 300 pieces. Puzzles and Lego provide children with an opportunity to develop their spatial sense. Any puzzles available can work, such as ones already available at home or the online through the link provided.	<u>https://www.jigsawplane</u> <u>t.com</u>
Youcubed	Grades 6-12	This website has many tasks that promote critical thinking, growth mindsets in mathematics. Teachers can choose tasks that align with their objectives.	https://www.youcubed.o rg/



Science Resources

NWT Science Curriculum: https://www.ece.gov.nt.ca/en/services/liste-des-programmes-detudes-et-des-ecoles-des-tno/science

Resources	Target Grades	Description	Link
Let's Talk Science	All grades	These are Canadian science education websites which provides many resources for teachers and families. They also have a YouTube channel. The STEM channel also provides videos on curriculum specific topics.	https://letstalkscience.ca / https://www.youtube.co m/user/LetsTalkScience https://letstalkscience.ca /educational- resources/video- channels/stem-channel- all-videos
Government of Canada Educational Resources	All grades	This website provides science activities and videos. Teachers choose activities that relate to their chosen outcomes and learning activities.	https://www.canada.ca/e n/services/science/educa tionalresources.html
Ingenium	All grades	Through the Museums of Science and Innovation's website, teachers, parents and students can access online collections, as well as educational resources and videos.	<u>https://ingeniumcanada.</u> org/cstm



Science Resources

NWT Science Curriculum: https://www.ece.gov.nt.ca/en/services/liste-des-programmes-detudes-et-des-ecoles-des-tno/science

Resources	Target Grades	Description	Link
Khan Academy	Grades 4-12	This website provides video tutorials on a large range of math and science topics. It provides students with multiple examples and guided practice questions.	<u>https://www.khanacade</u> <u>my.org/</u>
Recycling Project	Grades 2-8	Using only materials found in your home (cardboard, bottles, cans, etc.), create something new. Document the steps and all the materials used (journal, pictures or videos, etc.) Teachers, parents or students could add parameters to the task. For example: The minimum or maximum number of materials used, or the function of the object they create.	
NWT STEM Challenge	Grades 6-12	This website provides a 10-week STEM challenge for NWT students during the spring of 2020.	<u>https://www.roboticsnw</u> <u>t.ca/</u>
Brains-on Podcast	Grades 2-8	Over 100 science-based engaging podcasts with for a wide variety of ages. Can be viewed online or within an app.	<u>https://www.brainson.or</u> g/



Social Studies Resources

NWT Social Studies Curriculum: <u>https://www.ece.gov.nt.ca/en/services/curriculum/social-studies</u>

Resources	Target Grades	Description	Link
National Film Board	All grades	Many films available for free to explore topics.	https://www.nfb.ca/educ ation/
Canadian Human Rights Museum	Grades 4-12	This museum website explores many national and international topics. It includes a historical look at how Canada and the world has been impacted by other pandemics. It starts with a quote from Tommy Douglas.	https://humanrights.ca/
Canadian Geographic	Grades 4-12	Various lesson ideas for each class and age range to address learning of Indigenous Peoples in Canada.	http://www.canadiangeo graphic.com/educational products/ipac floor map. asp
CBC Kids News Teaching Kids News	Grades 1-3	Resources for media literacy at a young age. These websites provide helpful hints for having difficult discussions regarding the pandemic. The Good News section also includes shared stories and ideas for this unnerving time.	https://www.cbc.ca/kids news/ https://teachingkidsnews .com/
Canada's History	Grades 1-12	This website has a large range of activities and lesson plans.	https://www.canadashist ory.ca
Historica Canada	Grades 1-12	Includes lesson ideas for many topics and grade ranges, as well as, the category it fits, such as "citizenship."	http://education.historic acanada.ca/en/users/1



Social Studies Resources NWT Social Studies Curriculum: <u>https://www.ece.gov.nt.ca/en/services/curriculum/social-studies</u>				
Resources	Target Grades	Description	Link	
Cabin Radio CBC News North	Grades 4-9	Up to date information for all northerners - local and territorial. Topics may spurn on conversations, prompting students to speak with Elders regarding historical pandemics, changes in the world that the Elder grew up in versus what the student is experiencing.	https://cabinradio.ca/ https://www.cbc.ca/new s/canada/north/topic/Lo cation/Northwest%20Ter ritories	
CBC Archives	Grades 7-12	Many news items throughout history for free to explore many topics.	https://www.cbc.ca/arch ives/teachers/	
The Guardian	Grades 10-12	This site has a Canadian section and an International section. Students could compare and contrast the handling of the pandemic across continents and around the world.	<u>https://www.theguardia</u> <u>n.com</u>	
Vancouver Holocaust Education Centre & the US Holocaust Memorial Museum	Grades 11-12	These websites offer many lessons on the Holocaust. These materials paint a picture of the times and address the issues of antisemitism, Fascism, Nazism and immigration leading up to and during WWII.	https://www.vhec.org/te achers-guides/ https://www.ushmm.org /teach/teaching- materials	



Physical Fitn	Physical Fitness Resources			
Resources	Target Grades	Description	Link	
Fitness Bingo	All grades	Make up cards with rows and columns with instructions such as 10 sec plank, 5 karate kicks, 15 toe touches, etc.	https://theinspiredtreehou se.com/gross-motor- activities-bingo-on-the-go/	
Learning Station	JK-3	This channel boasts "healthy music for a child's heart, body and mind", offering educational videos with lots of active participation, such as "Move and Freeze" and "Shake Your Sillies Out"	https://www.youtube.com /watch?v=388Q44ReOWE	
Alligator Alley	JK-3	Scatter some "islands" or "boats" across the floor (use pillows, stuffed animals, books, etc) and then have students jump from one to the next without falling into the "water" and risk being eaten by a hungry alligator.		
Koo Koo Kanga Roo	JK-6	American dance pop channel with audience participation. Gets viewers dancing and singing.	http://kookookangaroo.co m	
GoNoodle	Grades 3-6	This channel provides the greatest variety of get-you- moving videos for young students.	https://family.gonoodle.co m	
Jack Hartmann Kids Music	JK-6	Lots of videos to explore and features educational themes, such as learn counting, and numbers, through dance and movement.	https://www.youtube.com /channel/UCVcQH8A634m auPrGbWs7QlQ	
Cosmic Kids Yoga	Grades 1-5	Collection of videos that focus on yoga and mindfulness wrapped in fun, interactive adventures – building kids' strength, balance and confidence.	https://www.youtube.com /user/CosmicKidsYoga	



Physical Fitness Resources				
Resources	Target Grades	Description	Link	
Freeze Dance	JK-6	Dance when the music plays and when the designated DJ stops the music, everyone freezes.		
Action Words Mat	JK-3	Make a mat with visuals or words on the floor such as, march, walk, stomp, dance, wiggle, jump, or run.		
GROOV3 Dance Channel	Grades 1-5	Mini workouts that last 3–5 minutes are perfect for young students – they feature hit songs and are all high-energy and super engaging.	https://www.youtube.com /playlist?list=PLC2C84148 6EB885F1	
Fit Factor Kids Exercise	JK - 3	5 minute exercise routines led by a teenage girl who demonstrates a variety of different animal movements.	https://www.youtube.com /watch?v=6LndXdPdKaQ	
Saskia's Dance School	Grade 9-12	This dance school in the Netherlands films their talented dancers performing high-energy dances to popular songs.	https://www.youtube.com /playlist?list=PLL7beOYvK rnd- Kj8dR3QuxQS54jCwSZ6L	
10-Minute Workout for Teenagers	Grades 9-12	10 minute workout video for teens.	https://www.youtube.com /watch?v=pj4TVbnIEgk	
Hip-Hop Fit Workout	Grades 9-12	30-Minute Hip-Hop Fit for everyone from beginners to advanced.	https://www.youtube.com /watch?v=ZWk190Von2k	



Prince of Wales Northern Heritage Centre Resources					
Resources	Target Grades	Description	Link		
Délįnę Birthplace of Hockey	All grades	A comic book story about how Délınę 'hosted' the first game of ice hockey nearly 200 years ago.	https://www.pwnhc.ca/v irtual- exhibits/birthplace-of- hockey/		
Photograph Exhibits	All grades	Teachers could ask students to search and find images for story starters or to learn specific parts of history. Exhibits by James Jerome: Through a Gwich'in Lens, Henry Busse: Yellowknife, and Bern Will Brown: A Time of Change.	https://www.pwnhc.ca/it em/james-jerome- through-a-gwichin-lens/ https://www.nwtexhibits .ca/busse/index.html https://www.nwtexhibits .ca/bwb/index.html		
PWNHC Virtual Navigator Tour	Grades 4-12	A web-based virtual tour of main museum galleries in most official languages. It's almost as good as being there!	https://www.nwtexhibits .ca/navigator/		
NWT Archives Photo Database	Grades 4-12	The NWT archives has an extensive photo database that can be searched by community or ask students to search for family members. It is likely that there will be images of their Grandparents.	https://www.nwtarchive s.ca/		
Lessons from the Land – Idaa Trail	Grades 4-12	Interactive multimedia website designed to take the visitor on a virtual journey of an Indigenous trail in the NWT.	http://idaatrail.ca/		



Prince of Wales Northern Heritage Centre Resources					
Resources	Target Grades	Description	Link		
PWNHC Collection Showcase	Grades 4-12	Photos and descriptions of objects in the museum's collection: a 50 million year old tree to snowshoes and a spruce bark canoe.	https://www.pwnhc.ca/c ollections/objects- showcase/		
Sharing Our Stories	Grades 4-12	Elders and youth from the Sahtu, Tłįchǫ and Dehcho look at museum objects and tell stories in online books. An excellent exemplar of how youth may take their own objects from home to share their own family story.	https://www.pwnhc.ca/c ollections/sharing-our- stories/		
NWT History Timeline	Grades 4-12	Wide ranging resource on the history of the NWT - with primary sources such as images of items from the museum, documents, audio files and much more. Note: <i>Need to download Adobe flash to run</i> .	https://www.pwnhc.ca/it em/nwt-historical- timeline/		
An Archaeological Expedition to Kuukpak	Grades 4-12	Social Studies and Science - Through artefacts, maps and stories discover the history of the area and people along the coast. Unknowingly, Europeans brought with them foreign diseases that took a terrible toll on the Kuukpangmiut. This site will help explore the area and how disease impacted the community.	<u>https://www.nwtexhibits</u> .ca/kuukpak/index.html		
Journey to Kitigaaryuk	Grades 4-7	Social Studies and ELA - Explore the culture and history of the Inuvialuit with Jack, a young visitor from England, his Inuvialuit pen pal Roy, and Roy's family on their journey from Tuktoyaktuk to the ancient village of Kitigaaryuk.	https://www.historymus eum.ca/cmc/exhibitions/ kids/kitigaaryuk/index.ht ml#		



Prince of Wales Northern Heritage Centre Resources					
Resources	Target Grades	Description	Link		
Hunters of the Alpine Ice	Grade 7	Science - Provides ideas for students to make their own atlatl (ice age hunting tool) at home.	https://www.pwnhc.ca/it em/hunters-of-the- alpine-ice		
Special Constables in the NWT	Grades 4-12	Social Studies, ELA, and Indigenous Languages - This site shares the NWT history through the stories of the Special Constables or their descendants. Special Constables were hired to assist with dog team patrols across the length of the Arctic mainland, from Dawson City in the Yukon to York Factory on Hudson Bay.	https://www.nwtexhibits .ca/specials/en/chapter- 1.html		
Yamórıa, The One Who Travels	Grades 4-12	Social Studies, ELA, Northern Studies and Indigenous Languages - All Dene groups recount stories of this legendary man, whose name translates as The One Who Travels. He is most commonly known by his Sahtu name Yamória, but each Dene language has a different name for him. Ask families to share the stories they may know of The One Who Travels.	<u>https://www.nwtexhibits</u> . <u>ca/yamoria/</u>		