

Science 7-9: Supplemental Resources & Supports

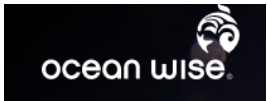
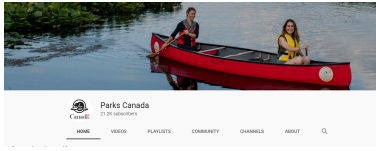
Please note that this document is a work in progress. Some links may not work after it has been shared with teachers. Some linked sites may provide limited free access to resources. A [bias evaluation](#) should be completed for any material used with your students. As well, there is a digital resource assessment (DRA) process for apps/websites that should be reviewed. [See the FAQ](#) on the TILT site for further details. If you have a resource to share, please contact Melina McNeil (mcneilm@gnspes.ca) so that it can be added to this growing list.

On-line Resource Link (Click on Image or Title)	Brief Description
	PhET provides fun, free, interactive, research-based science and mathematics simulations. This site is searchable based on grade level and subject.
	Here you can access animations on various topics and even request copies of google form quizzes that you can modify for your students.
Government of Canada 	Government of Canada: <i>Science Education Resources</i> provides activities, lesson plans, videos and more to help youth learn about science and technology.
	Interactive Periodic table which includes properties, electron configurations, isotopes and more. Suggested lesson plans and links to demo videos are included.
EECD list of Geology Resources	Includes links to NS resources.
	Access to various resources for teachers including lesson plans, videos and much more!
	The Sustainable Blue Economy - interactive resource for kids, families and educators

Science 7-9: Supplemental Resources & Supports

	Activities, Exhibits and Videos
	Provincial Resource with a variety of links and suggestions for activities, especially related to the concept of Netukulimk.
	Great resource of virtual field trips/discussions with scientists. Sessions are recorded and archived on their YouTube channel.
	On-line resources including videos, lesson plans, links, etc. It is also searchable based on subject/grade level and concept.
World Atlas Science 	Science articles linked to various parts of the world.
	This website offers videos related to careers and meant to provide role models that could be used for all genders.
	A nine-part science-focused educational curriculum series, interweaves Indigenous science with Western science to advance knowledge, using the concept of Etuaptmumk or Two-Eyed Seeing. Throughout the series you'll discover amazing fields of science, and learn to connect the dots to Indigenous knowledge and hands-on activities. Access the digital copy easily by completing a form.

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	Open educational resources that are searchable by subject area and grade level.
	Free Access to Science Lab Activities That Support Distance Learning
	Browse online educational programs by museum name or by type. Explore new spaces through virtual tours, or visit digital exhibitions through Ingenium's partnership with Google Arts & Culture.
	Includes videos, kits, programs, lesson plans and other resources designed to support educators and develop an understanding of how humans impact the ocean and how the ocean influences us.
	Ocean School provides resources for teachers to use with their students. Compatible with Google Classroom, there are videos, animations, and activities that can be shared with your students.
	"We've combed through Ocean School to put together a few weeks of our favourite materials. There's an educational video and a student activity for each week day." Teachers could use this material with their students. Sign in is not required.
	Parks Canada has a variety of educational resources that connect to many subject areas.
	Podcasts in Class is a way for teachers to bring podcasts into their classrooms, with custom-made lesson plans, slides, handouts, homework and even videos featuring our hosts.
	Great website with searchable activities, videos and lesson plans. Lessons are often using easy-to-find materials. Organized based on subject and grade level.
	Lots of interesting material on this site, including lesson plans and simulations. Free for teachers to log on/create an account.