

OCDSB Additional Online Learning Resources for Students



OTTAWA-CARLETON
DISTRICT SCHOOL BOARD



OCDSB Learn at Home


Mathematics	Description	Primary (K-Gr 3)	Junior (Gr. 4-6)	Intermediate (Gr. 7-8)	Secondary (Gr. 9-10)	Secondary (Gr. 11-12)
TVOmPower	Free online math games for students k-Grade 6 (MOE approved)	✓	✓	✓		
TVO Mathify	Free online math tutoring by Ontario certified teachers. Monday-Friday 9am-9pm, Sunday 3:30 pm-9pm. Grades 6-10 (MOE approved)		✓	✓	✓	
MOEguide	K-6 parent guide "Doing mathematics with your child". Available in 13 languages. Lots of ideas to support students that do not require technology. (MOE approved)	✓	✓			
Mathies	Based on Ontario Curriculum. Games, learning tools, practice etc. (MOE approved)	✓	✓	✓	✓	✓
 Pearson	Open Access to Pearson Math Makes Sense Textbooks	✓	✓	✓	✓	✓
 Nelson	Open Access to Nelson Math Textbooks	✓	✓	✓	✓	✓
Zorbitz	Canadian company providing free online access to all OCDSB primary students during this period. Zorbit's is a K-3 math learning adventure.	✓				
Khan Academy	Math resources (<i>not directly connected to ON curriculum</i>), instructional videos, practices opportunities. Available in 40 languages.	✓	✓	✓	✓	✓
DreamBox Learning	Free 90 day trial. Over 2000 math lessons.	✓	✓	✓		
Problem of the Week	University of Waterloo weekly math "problems of the week" startings at grades 3/4. Includes prior problems and solutions.	✓	✓	✓	✓	✓
University of Waterloo Centre	Centre for Education in Mathematics. Lessons, interactive activities, enrichment challenges, and opportunity for practice with feedback.			✓	✓	✓
Ms. Havrot's Canadian University Math	Retired OCDSB Mathematics teacher provides Youtube lessons for 3U and 4U mathematics courses					✓

Prerequisites						
Learn Computer Science - Code	Code.org® is a nonprofit dedicated to expanding access to computer science in schools and increasing participation by women and underrepresented youth.	✓	✓	✓	✓	✓
Language (English/FSL)	Description	Primary (k-Gr 3)	Junior (Gr. 4-6)	Intermediate (gr. 7-8)	Secondary (9-10)	Secondary (11,12)
MOEGuide	Reading and Writing with your child. Ministry of Education K-6 parent guide. Available in 13 languages. Lots of ideas to support students that do not require technology.	✓	✓			
Tumblebooks	Free books online if you use your Ottawa Public Library Account to login. French and English. Various books by age group from primary to teens. If you don't have a Library Card, click here to access	✓	✓	✓	✓	✓
Raz Kids	Thousands of downloadable, projectable, printable teacher materials including levelled reading resources. Raz-Kids 90-day Free Trial using code: rkCOVID19Trial	✓	✓			
Scholastic Canada	20 days of learning at home, up to 3 hours of learning per day including articles, videos, virtual field trips.	✓	✓	✓		
Epic	Digital library for students 12 and under	✓	✓	✓		
BrainPopELL	Free website to support English language Learners	✓	✓	✓	✓	✓
Best of the Reader (ELLs)	Ebooks and activities to support English Language Learners			✓	✓	✓
MediaSmarts Games 	Media literacy games for students & parents: An interactive way to start a conversation on media issues at home, and sharpen media & digital literacy skills.		✓	✓		
Curio.ca	CBC collection of podcasts on various topics and age ranges. Topics include CBC podcasts in class, women in science, indigenous governance etc.		✓	✓	✓	✓
Audible	From kindergarten to highschool, stories for students to stream and listen to. Free while schools are closed. Available in 6 languages.	✓	✓	✓	✓	✓
Boukili FSL	Free online access to French books through TFO. Can be read to the child or independently, Games, questions etc. English instructions available.	✓	✓			
Duolingo FSL	Daily practice of French vocabulary			✓	✓	✓

Idello 	Over 11,000 resources in French including games, lessons etc. at all levels of French		✓	✓	✓	✓
TFO Ontario 	Videos, games, films in French. TFO is a Canadian French language educational television channel and media organization serving the province of Ontario. (MOE Approved)	✓	✓	✓		
FSL Homework Toolkit 	FSL resource for parents and students in French Immersion in Ontario.(MOE approved).	✓	✓	✓		
TV5Monde 	Lessons, expand vocabulary and expressions representing French in the world.			✓	✓	✓
Voilà Learning 	OCDSB License for free access for all FSL students. Practice French and play live, communicative games. FSL tutors online.	✓	✓	✓		
Les explorateurs  	Online magazines for kids - space, environment, technology, communications, history, etc. (Gr. 3-6)		✓			
Les débrouillards  	Online magazines for kids - space, environment, technology, communications, history, etc.		✓	✓		
Curium Mag  	Online magazines for kids - space, environment, technology, communications, history, etc.				✓	✓
Pearson  	Open Access to Pearson leveled books in French	✓	✓			
Pearson 	Open Access to Pearson leveled books Primary-Junior	✓	✓			
Pearson 	Literacy in Action 7 & 8- Open access to student book			✓		
Nelson 	Open Access to Nelson Literacy 7 & 8			✓		
Science and Technology	Description	Primary (k-Gr 3)	Junior (Gr. 4-6)	Intermediate (gr. 7-8)	Secondary (9-10)	Secondary (11,12)
TVO kids	TVO kids science youtube Channel. (MOE approved)	✓	✓			

science						
Online Ottawa Museums	Online learning tasks and projects with Canadian museums. Select your grade at the left drop down options. Canadian Museums of Aviation, Science and Tech. and Agriculture etc. Also available in French.	✓	✓	✓	✓	✓
Science Education Resources	Government of Canada resources including science activity booklets (by age), hands on science activities, ask a scientist etc. Also available in French.	✓	✓	✓	✓	✓
Bill Nye Podcasts	A selection of podcasts (30 minutes) on topics from evolution to space to carbon.(keep clicking at the bottom to load more episodes)		✓	✓	✓	
Coding	Interactive coding tool for students Click here grades (k-3) (4-10)	✓	✓	✓	✓	
Gizmos - Ontario Standards	Interactive science simulations. Use one of the following class codes to register: NZTVMD, G67PK2, BJVMHC, TQZV7Q, WRZXMD, X942KM. There is a ✓ 5 minute time limit for unregistered users. Be sure to look at the <i>Student Exploration Sheet</i> and <i>Vocabulary Sheet</i> found in the Lesson Info before launching the Gizmo.		✓	✓	✓	
Try Engineering 	Try your hand at one of these engaging engineering games and learn while having fun! Games for grades K-12 cover topics ranging from inventing and coding to environmental and electrical engineering.	✓	✓	✓	✓	✓
EdHeads 	Edheads is an online educational resource that provides science games and activities that promote critical thinking. Activities include creating a line of stem cells, designing a cell phone, investigating a crash site and even performing brain surgery (minus the gore of course). They will also get to tinker with some basic machines and investigate the weather.	✓	✓	✓		
Science Kids 	Science Kids is an interactive learning website that has a variety of interactive games covering subjects from teeth and eating, skeleton and bones, to the changing state of water.	✓	✓	✓		
Ingenium Channel: 	Science activities you can do at home, including: → Make a Thaumatrope → Percussionality → String-o-lin → Whistl-o-phone → Compass → Solar Still → Make a Kazoo → Flipbook → Broken Pencil Illusion		✓	✓		

	→ Insulating Sound					
Khan Academy 	Online videos and supplementary practice.				✓	✓
SketchUp for Schools 	Students can use the program to create and render digital 3D models of objects, construction projects, and design projects.		✓	✓	✓	✓
Pearson 	Investigating Science and Technology, Grades 7 & 8			✓		
Lets Talk Science 	Let's Talk Science has a selection of resources and activities for engaging children and youth at home. Learning resource collections are added every week.	✓	✓	✓	✓	
Social Studies /History/ Geography	Description	Primary (k-Gr 3)	Junior (Gr. 4-6)	Intermediate (gr. 7-8)	Secondary (9-10)	Secondary (11,12)
Historica Canada	The Heritage Minutes are a collection of bilingual Canadian 60-second short films, each depicting a significant person, event or story in Canadian history . Also available in French.			✓	✓	✓
Scholastic Canada	20 days of learning at home, up to 3 hours of learning per day including articles, videos, virtual field trips. Integrated with social studies.	✓	✓	✓		
Virtual Museum.ca	The largest digital source of stories and experiences shared by Canada's museums and heritage organizations. Searchable by topic. Also available in French.		✓	✓	✓	✓
Curio.ca	CBC collection of podcasts on various topics and age ranges. Topics include CBC podcasts in class, women in science, indigenous governance etc.		✓	✓	✓	✓
National Geographic Kids 	Wackiest places around the world Videos Games	✓	✓			
 Newslea	At this time the full site is free. News articles, some fiction and other reading materials are available for all levels of readers.			✓	✓	✓
Gold Mountain Quest	Gold Mountain Quest is an online game developed to bring to light some of the people, places and issues that have had a dramatic influence on Canada's development. The game brings students		✓	✓		

	into direct contact with characters and items drawn from actual historical data. (Gr. 6-8)					
Pearson 	Canadian History textbook for grades 7 & 8			✓		
Pearson 	Geography textbook for grades 7 & 8			✓		
Physical Education	Description	Primary (k-Gr 3)	Junior (Gr. 4-6)	Intermediate (gr. 7-8)	Secondary (9-10)	Secondary (11,12)
GoNoodle	Lots of links within this site to help encourage physical activity and dance. Zumba Kids Relaxation	✓	✓			
 Cosmic Kids Yoga for Kids	A site that introduces students to the fundamentals of yoga.	✓	✓			
PlaySport	PlaySport helps children and youth develop an understanding of the skills and strategies associated with playing a wide range of physical activities and sports.	✓	✓	✓	✓	✓
DPA Activities	Daily physical activities for elementary students Gr 1-3 , 4-6 , 7-8 (click here)	✓	✓	✓		
Outdoor Activities	Outdoor walks/ Access to NCC trails/ Bike rides/ Neighborhood walks etc.	✓	✓	✓	✓	✓
The Arts	Description	Primary (k-Gr 3)	Junior (Gr. 4-6)	Intermediate (gr. 7-8)	Secondary (9-10)	Secondary (11,12)
GONoodle	Fun and creative ways to help get students moving.	✓	✓			
Visual Arts	This activity is ideal for any age, inspired by ordinary objects and your imagination. See how many ideas you can come up with and make a story from them.	✓	✓	✓	✓	✓
Music	Free virtual instruments online.	✓	✓	✓		
Draw Everyday with JJK	A Youtube Channel featuring daily drawing classes with illustrator, Jarret Krosoczka	✓	✓	✓	✓	
Lunch Doodles with Mo Willems	Youtube Channel featuring daily drawing activities.	✓	✓	✓		