

# Supplementary Resources to Support Families with Continuity of Learning

Mathematics	Description	Type	For Special Education	For ELL	Early Years	1-3	4-6	7-8	9-12
<b>Instructional Resources</b>									
<a href="#">CLIPS</a>	Instructional trajectories focused on key mathematical concepts, including interactive activities, games, quizzes, and learning tools, with feedback.  Supportive to students with <b>intellectual</b> exceptionalities.	Website	✓					✓	✓
<a href="#">Doing Mathematics with your Child – A Parent Guide</a>	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)	Website		✓	✓	✓	✓		
<a href="#">DreamBox Learning</a>	Free 90-day trial. Over 2000 math lessons.	Website App	✓	✓	✓	✓	✓	✓	
<a href="#">Figure This!</a>	Math challenges for families.  Supportive to students with <b>communication</b> and/or <b>intellectual</b> exceptionalities.	Website	✓				✓	✓	
<a href="#">Khan Academy</a>	Math resources (not directly connected to ON curriculum), instructional videos, practices opportunities. Available in 40 languages.	Website		✓	✓	✓	✓	✓	✓

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<a href="#">Mathies - Home Connections</a>	Activities designed for home use with students K-6, including Working In Number Sense (WINS), Home connections Activities organized by grade level, and Math Story Time resources	Website			✓	✓	✓	✓	
<a href="#">Ms. Havrot's Canadian University Math Prerequisites</a>	Retired OCDSB Mathematics teacher provides YouTube lessons for 3U and 4U mathematics courses	Video							✓
<a href="#">Relation Shapes</a>	Promotes children's visual-spatial reasoning and creative problem-solving skills through open-ended play. Supportive to students with <b>communication</b> and/or <b>intellectual</b> exceptionalities.	App	✓		✓	✓	✓	✓	
<a href="#">TVO Mathify</a>	Free online math tutoring by Ontario certified teachers. Monday-Friday 9am-9pm, Sunday 3:30 pm-9pm. Grades 6-10 (MOE approved)	Website	✓				✓	✓	✓
<a href="#">TVOmPower</a>	Free online math games for students K-Grade 6 (MOE approved)	Website Games Lessons	✓	✓	✓	✓	✓		
<a href="#">Yummy Math - Real World Math Problems</a>	This website, although originally intended for teachers, can be used at home to provide your child with some real world math problems. These problems involve critical thinking skills along with mathematical literacy and are intended to lead to some rich mathematical discussions.	Website				✓	✓	✓	✓

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<a href="#">Zorbit's</a>	Canadian company providing free online access to all SCDSB primary students during this period. Zorbit's is a K-3 math learning adventure.	Website		✓	✓	✓			
<b>Virtual Manipulatives</b>									
<a href="#">Mathies</a>	Based on Ontario Curriculum. Games, learning tools, practice etc. (MOE approved)	Website Apps	✓	✓	✓	✓	✓	✓	✓
<a href="#">Mathsbot.com</a>	Many digital manipulatives, and resources to support elementary and secondary students.	Website			✓	✓	✓	✓	✓
<a href="#">Toy Theatre</a>	Many interactive manipulatives to support with math learning. Toy Theatre also includes many interactive practice games.	Website			✓	✓	✓	✓	
<a href="#">The Math Learning Centre</a>	Math Apps, including fractions, geoboard, math clock, math vocabulary, money, number frames, number lines, number pieces, number rack, and pattern shapes.  Supportive to students with <b>behaviour</b> , <b>communication</b> and/or <b>intellectual</b> exceptionalities.	Website App	✓		✓	✓	✓	✓	
<b>Games</b>									
<a href="#">ABCya</a>	Free math games for practice  Supportive to students with <b>communication</b> and/or <b>intellectual</b> exceptionalities.	Website	✓		✓	✓	✓	✓	

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<a href="#">Cool Math 4 Kids</a>	Math games, manipulatives, and brain teasers. Supportive to students with <b>communication</b> and/or <b>intellectual</b> exceptionalities.	Website	✓			✓	✓		
<a href="#">Mathies Games</a>	Deepen mathematical understanding with virtual games.	Website Apps	✓		✓	✓	✓	✓	
<a href="#">Math Playground</a>	Free games to support math practice. No login or sign up needed.	Website			✓	✓	✓		
<a href="#">SplashLearn</a>	Interactive games and rewards motivate children on their personalized learning path fit for catching up, enrichment, or regular practice. Supportive to students with <b>behaviour</b> , <b>communication</b> and/or <b>intellectual</b> exceptionalities.	Website App	✓		✓	✓	✓		
<b>Math Around the Home</b>									
<a href="#">Math At Home Activities</a>	K-5 Activities: Your home is full of opportunities to explore math with your child and, at the same time, build his or her self-confidence and understanding of mathematical ideas. This is a chance for you and your child to "talk math" that is, to communicate about math while discovering relationships between numbers.	Website	✓		✓	✓	✓		

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<a href="#">Maths At Our House</a>	This resource provides some ideas for how you can raise awareness and share mathematics using everyday experiences and resources found around your home. It includes ideas for supporting your children's learning in all areas of mathematics: geometry, measurement, statistics, algebra and number.	Website	✓		✓	✓	✓	✓	
<a href="#">Math Scavenger Hunts</a>	Use the items in and around your home to talk math with your Child. These scavenger hunts will provide opportunities for math discussion, and explore mathematical relationships.	Document with links	✓		✓	✓	✓	✓	
<a href="#">NRICH - Maths At Home</a>	Tasks from the NRICH collection that are ideal for working on at home without a teacher for primary and junior students.	Website			✓	✓	✓		
<a href="#">NRICH Maths At Home Gr.7 -12</a>	Tasks from the NRICH collection that are ideal for working on at home without a teacher for intermediate and secondary students	Website						✓	✓
<b>Television Resources</b>									
<a href="#">Monster Math Squad on CBC Kids</a>	CBC Kids Math Show - watch online or on CBC TV	Website TV			✓	✓			
<a href="#">PBS Learning Media</a>	Bring math concepts to life through interactive games, animations and engaging media resources	Website Videos			✓	✓	✓	✓	✓

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<a href="#">TVO Kids - Mathematics</a>	Short video clips that promote thinking mathematically and problem solving.	Website Videos	✓		✓	✓	✓		