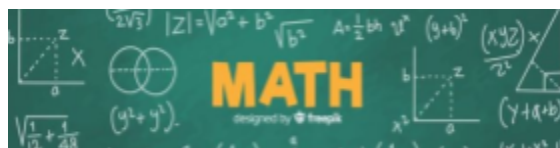


Psychological Services



Skill Development: <u>Math Milestones</u> <u>Development of Math Concepts</u> <u>Developmental Progression.pdf</u> <u>Math Expectations and Difficulties</u> Screening Tool: <u>www.numeracyscreener.org</u>	Math Curriculum Resources: <u>Mathematics (2020)</u> <u>Key Changes in Elementary Math Curriculum</u>	Math Instruction: <u>Best Practices for Math Teaching</u> <u>5 Evidence-Based Recommendations for Teaching Math to Young Children</u> <u>High Quality Math Instruction: What Teachers Should Know</u> <u>5 Principles of Extraordinary Math Teaching</u>
Handouts of Helpful Strategies: <u>ComputationFluency-EN_access.pdf</u> <u>Math Problem-solving-strategies.pdf</u> <u>How Processing Affects Math Learning.pdf</u> <u>GECSB Principles of Counting and Quantity Cheat Sheet.pdf</u>	Resources for Virtual Learning: <u>Virtual Math Resources for TDSB Staff</u> <u>Grades 9-12 Math Digital Resources</u> <u>ExploreLearning Gizmos: Math & Science Simulations</u> <u>Mathspace</u>	Useful Websites: <u>youcubed</u> <u>Downloadable List 15 Helpful Math Websites.pdf</u> <u>Project STAIR</u> <u>https://www.teachingld.org/topics/mathematics/</u> <u>Mr. Woo Tube - blog, resources, video lessons</u> <u>Dr. Alex Lawson – Math Researcher and Educator - Comprehensive Resource List</u>

Psychological Services

Digital Math Tools and Virtual Manipulatives:

[Mathies](#)

[Free Math Apps](#)

[Desmos | Beautiful, Free Math](#)

[Dragonbox](#)

[GeoGebra | Free Math Apps](#)

[Virtual Manipulatives | Mathematical Modelling](#)

[National Library of Virtual Manipulatives](#)

Books:

Good Questions: Great Ways to Differentiate Math Instruction – Dr. Marian Small

Making Math Meaningful for Canadian Students: K-8 – Dr. Marian Small

Thinking Classroom – Peter Llijedahl – math instructional method, activities

Mathematical mindsets: Unleashing students' potential through creative math, inspiring messages and innovative teaching - Jo Boaler

Openmiddle Problems – Robert Kaplinsky (Middle and Secondary resource)
www.stenhouse.com/content/open-middle-math
Link to video:
<https://robertkaplinsky.com/worksheets-sa-telem>

Math Anxiety:

[Overcoming Math Anxiety: 12 Evidence-Based Tips That Work](#)

[Transforming Math Education, Math Anxiety - Dr. Jo Boaler](#)

[Ted Talk – Dr. Jo Boaler, Stanford University - Math Mindset & “Open Math”](#)