

Resources – Resources & Links

Research on the benefits of STEM education

- <http://www.ktei.net>. Kenjgewin Teg Educational Institute. *Indigenous Knowledge and STEM Curriculum Connections Tool Kit*.
- <http://www.letstalkscience.ca/research-publications/spotlight-on-science-learning>. Let's Talk Science is a Canadian charity that focuses on "education and outreach to support youth development."
- Schmidt, Bonnie. "**The High Cost of Dropping Science and Math.**" *Spotlight on Science Learning*. Let's Talk Science and Amgen Canada, 2013.
- Schmidt, Bonnie. "**Shaping Tomorrow's Workforce: What Do Canada's Teens Think About Their Futures?**" *Spotlight on Science Learning*. Let's Talk Science and Amgen Canada, 2014.
- Schmidt, Bonnie. "**Exploring Parental Influence: Shaping Teen Decisions Regarding Science Education.**" *Spotlight on Science Learning*. Let's Talk Science and Amgen Canada, 2015.

Helping teens choose high school courses

- <http://edu.gov.on.ca/eng/document/curricul/secondary/descript/descri9e.pdf>
- <http://www.peelschools.org/students/40hours/volunteerjobboard/Documents/helpyourteenchoosehighschoolcoursesbybuildingonsuccess.pdf>

Transition from elementary to secondary school

- "**Getting from There to Here: Moving from Grade 8 to Grade 9. A Guide for Parents and Students 2013.**" Avon Maitland District School Board. Successforlife.ca.
- <http://tvoparents.backend.tvo.org/topic/school-learning>. TVO Parents - Grade 9 Transitions.

Education in Ontario

- <http://www.edu.gov.on.ca/eng/curriculum/secondary/math.html>. Ontario math curriculum — grades 9 to 12.
- <http://www.edu.gov.on.ca/eng/curriculum/secondary/commontwo.html>. Policy documents and curriculum resources.
- <http://www.edu.gov.on.ca/eng/document/policy/cps>. "Creating Pathways to Success: An Education and Career/Life Planning Program for Ontario Schools. Policy and Program Requirements, Kindergarten to grade 12."
- www.edugains.ca. The EduGAINS website contains resources developed by the Ontario Ministry of Education for Ontario teachers — Kindergarten to Grade 12.

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Ontario-based math education websites

- <http://www.eqao.com>. “EQAO is an independent agency that creates and administers large-scale assessments to measure Ontario students’ achievement in reading, writing and math at key stages of their education.”
- <http://www.edu.gov.on.ca>. The Ontario Ministry of Education offers specific information for students, parents, and teachers.
- <http://www.mathies.ca>. “The mathies.ca website houses Ontario Ministry of Education-developed resources to support mathematics learning from Kindergarten to Grade 12.”
- <http://www.oame.on.ca/clips>. Ontario Association for Mathematics Education learning tools.
- <http://www.ilc.org>. TVOntario’s Independent Learning Centre, “the province’s designated provider of distance learning.”
- <https://homeworkhelp.ilc.org>. The ILC has partnered with the Ontario Ministry of Education to bring “Homework Help” to Ontario students.
- <http://www.peelschools.org/parents/Pages/default.aspx>. Fact sheets from one Ontario school board.

Career planning and pathways

- <http://settlement.org/ontario/education/colleges-universities-and-institutes/apply-for-post-secondary-education/how-can-i-help-my-child-with-making-an-informed-career-choice>. Information for new immigrants.
- <https://myblueprint.ca>. MyBlueprint is an online education and career planning tool that helps students select high school courses while keeping college and university programs in sight.
- <https://public.careercruising.com/en>. Career Cruising is an online tool designed to help teens and their parents learn about potential careers and the educational pathways that can make them possible.

General information

- <http://www.dreambox.com/blog/workings-middle-school-mind-infographic>. Infographic about the “middle-school mathematical mind.” DreamBox Learning is an online software provider focusing on math education for elementary and middle-school students.