

Resources – Homework Help for Students

There are many online resources developed specifically for students learning math!

All grades (Kindergarten–12)

- <https://homeworkhelp.ilc.org>. This website offers free, 24/7, online tutoring and math help for Ontario students. It focuses on grades 7, 8, 9, and 10. The website is produced by the TVO Independent Learning Centre (ilc.org) and the Ontario Ministry of Education. “TVO administers the Independent Learning Centre (ILC), the province’s designated provider of distance learning.”
- <http://www.mathies.ca/index.html>. This website has math education resources for Ontario K–12 students, educators, and parent/guardians. It includes games, learning tools, activities, and other supports for students. The resources have been developed by the Ontario Ministry of Education.
- <http://www.mathclips.ca/>. This website helps students learn key math concepts e.g. explore numbers, arithmetic operations, and mathematical objects. It was developed by the Ontario Ministry of Education and the Ontario Association for Mathematics Education.
- <http://www.oame.on.ca>. This website includes many useful resources, links, and classroom lessons related to the Ontario math curriculum. The Ontario Association for Mathematics Education (OAME) is a professional organization for math teachers.

Grade 12

- <http://courseware.cemc.uwaterloo.ca>. This website is an excellent resource for practicing key course concepts such as functions, graphs, and limits. Access is free. The University of Waterloo’s Centre for Education in Mathematics and Computing (CEMC) develops curriculum resources such as worksheets and interactive lessons for grade 12 students taking calculus or computer science.

Additional Software

- <https://www.explorelearning.com>. “Gizmos are fun and easy to use math and science simulations for grades 3 to 12 students.” Users can take measurements, record data, calculate, experiment, and graph information while thinking about mathematical concepts. The Ontario Ministry of Education has a software license that gives Ontario students access to this website and its additional handouts and lesson plans.
- <http://www.dynamicgeometry.com>. The Geometer’s Sketchpad helps students better understand math by promoting visual learning. Users can construct and transform geometric shapes and functions, from linear to trigonometric. The Ontario Ministry of Education has a software license that gives Ontario students access to this software.

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- <http://www.mathhelp.com>. Online math tutoring service (USA).
- <https://www.youtube.com/user/yourteachermathhelp>. Free online math help and tutoring for middle school, high school, and college math topics.

