

TEACHING MATHEMATICS – SECONDARY

This is a list of some of the resources related to teaching mathematics in the secondary level. You will find all of these resources in the Education Library. If you click on a title in this list, you will get the full information about where to find the resource. Check out the Education Library's Twitter, Blog and Facebook pages - you will find a wealth of information about the Education Library's services and resources.

[100 commonly asked questions in math class : answers that promote mathematical understanding, grades 6-12](#) **QA139.P65 2013**

[101+ great ideas for introducing key concepts in mathematics : a resource for secondary school teachers](#) **QA11.P617 2006**

[Assessment to enhance teaching and learning](#) **QA1.N3 2015**

[Bringing the common core math standards to life : exemplary practices from high schools](#) **Q181.G36 2015**

[Captivate, activate, and invigorate the student brain in science and math, grades 6-12](#) **Q181.A425 2013**

[Cases on technology integration in mathematics education](#) **QA16.C37 2015**

[Common core mathematics in a PLC at work. High school](#) **QA13.C5657 2012**

[Communication and mathematics : a case for Ontario Secondary teaching](#) **AS42.L81 2010.H466**

[Developing mathematical thinkers : a guide to rethinking the mathematics classroom](#) **QA11.2.K38 2014**

[Focus in high school mathematics. Fostering reasoning and sense making for all students](#) **QA13.F62 2011**

["Heterogenius" classrooms : detracking math and science , a look at groupwork in action](#) **QA20.G76H48 2012**

[Making math accessible for the at-risk student : grades 7-12](#) **QA11.P95 2011**

[Math tools, grades 3-12 : 60+ ways to-- build mathematical practices, differentiate instruction, and increase student engagement](#) **QA135.6.S55 2012**

[Mathematical literacy in the middle and high school grades : a modern approach to sparking student interest](#) **QA20.R43W35 2013**

[Mathematics for equity : a framework for successful practice](#) **QA135.6.M384 2014**

[Mathematics for every student. Responding to diversity, grades 9-12](#) **QA13.M35452 2009**

[Mentoring mathematics teachers : supporting and inspiring pre-service and newly qualified teachers](#) **QA10.5.M46 2014**

[Nurturing reflective learners in mathematics](#) **QA11.2.N87 2013**

[One equals zero, and other mathematical surprises : paradoxes, fallacies and mind bogglers](#) **QA95.M69 2013**

[Ontario curriculum, Grades 11 and 12. Mathematics, 2007](#) **QA135.5.O5622 2007b**

[Parallel curriculum units for mathematics, grades 6-12](#) **QA11.2.P366 2011**

[Practical guide to teaching mathematics in the secondary school](#) **QA13.P695 2013**

[Reasoning and sense-making activities for high school mathematics : selections from mathematics teacher](#) **QA11.2.R433 2011**

[STEM education for high-ability learners : designing and implementing programming](#) **Q183.3.A1S728 2016**

[Strength in numbers : collaborative learning in secondary mathematics](#) **QA20.G76H67 2012**

[Succeeding at teaching secondary mathematics : your first year](#) **QA11.2.R635 2010**

[Teaching secondary and middle school mathematics](#) **QA11.2.B73 2013**

[Teaching mathematics in grades 6-12 : developing research-based instructional practices](#) **QA11.2.G76 2013**

[Teaching mathematics in the secondary school](#) **QA11.C426 2013**

[Teaching mathematics using ICT](#) **QA20.C65O42x 2010**

[Teaching secondary mathematics : techniques and enrichment units](#) **QA11.2.P67x 2010**

[Uncovering student thinking about mathematics in the common core, high school : 25 formative assessment probes](#) **QA11.2.T63 2014**

[What successful math teachers do, grades 6-12 : 80 research-based strategies for the common core-aligned classroom](#) **QA13.P67 2013**

[Write on! Math : taking better notes in math class](#) **QA20.M38G47 2013**

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