

Mathematics Resources

NYS COMMON CORE MATHEMATICS CURRICULUM

<https://www.engageny.org/common-core-curriculum>

spectacular textbook material



Catriona Shearer

20 maddening, delicious geometry puzzles:

<https://mathwithbaddrawings.com/2018/10/03/twenty-questions-of-maddening-delicious-geometry/>

her own [puzzle page](#) (the link is to her google drive to download a huge collection of her puzzles

<https://drive.google.com/file/d/1hVP8tLURVDphmHsphz5BQLVzHCeTts29/view>



The Art of Problem Solving

contest problems from grade 8 to college level (geometry and pre-calculus)

https://artofproblemsolving.com/wiki/index.php/AMC_Problems_and_Solutions

Video Chanel:

<https://www.youtube.com/user/ArtofProblemSolving>



Richard Ruszyk

Pre-Algebra Videos:

<https://www.youtube.com/playlist?list=PLvdWgwRXSShRXXc0GeopDkSoH1dq-6bnl>

Counting Theory Videos

<https://www.youtube.com/playlist?list=PLiNDnWouRxbnh0R71E3YtaOezk8f-DNo8>



Herbert Gross

Gateway to Mathematics: self-guided arithmetic and algebra course:

<https://www.mathasasecondlanguage.org/self-guided>

Manipulatives and Teacher Resources:

<https://www.mathasasecondlanguage.org/>

MIT calculus course

<https://ocw.mit.edu/resources/res-18-006-calculus-revisited-single-variable-calculus-fall-2010/>



KöMaL

Mathematical and Physical Journal for High Schools

<https://komal.hu/info/bemutatkozas.e.shtml>