

Math Resources

Does your child need some extra help and examples with a specific math topic? The following websites may help:

- *www.khanacademy.org - You have to create an account, but it's free. There are short videos (boring but good) on every math topic imaginable.
- *www.purplemath.com - Algebra lessons over a ton of topics; includes videos and written examples
- *www.freemathhelp.com - text and video lessons on a variety of math topics. You must register, but it's free
- *www.mathisfun.com - extra practice and instruction on Pre-Algebra and Algebra topics. Also includes a tutoring forum, puzzles and teaching games.
- *www.brightstorm.com - video lessons for Algebra through Calculus topics. It also includes ACT prep.
- *www.math-play.com - games on a variety of topics. Great extra practice!

Here are some apps that may also be useful:

- *Math Ref - includes helpful formulas, figures, tips, and examples of equations and concepts. It also includes example problems and solutions (\$0.99)
- *Wolfram Alpha - a computational knowledge engine (not just math) that will give solutions, graphs, and explanations. (\$2.99)
- *GeometrIQ - a Geometry picture game over common topics. It's fun! (free)
- *DragonBox - practice with solving equations in a form of a fun game (\$5.99 - and worth it)

*Math Sprint - geared toward younger kids but helps with multiplication and mental math. (free)

Is your child ready to prepare for the ACT (11th grade) or PLAN test (10th grade)? Here are some study options:

*www.freerice.com - ACT prep; not all is math but some is

*PLAN Test: There are sample test questions at the bottom of the page.
<http://www.act.org/planstudent/tests/>

*ACT Test: There are sample questions for each subject area to the left side of the page.
<http://www.actstudent.org/sampletest/>

*COMPASS Test:
<http://www.act.org/compass/sample/>

*ACT Practice Test online:
<http://www.4tests.com/exams/examdetail.asp?eid=13>

*ACT Practice and Tutorial: Create an account and then work through a tutorial before you work practice questions.
<https://www.number2.com/>

***Note - If your child does not know their multiplication facts, please find time to make sure they memorize these. Flashcards and apps (just search for multiplication facts) are both good options. It's tough to learn Algebra and Geometry without strong multiplication and division skills.