



Parkview 5-8th Grade Parent Math Resources

With a new school year underway, there are many exciting events ahead for you and your child. And then, there are some events you might not be looking forward to — like deciphering your child's math homework! As new concepts and strategies are being taught, it may feel like you have no idea how to help your child. While I love math and teaching it, math homework can still be a tricky part of my own family's nightly routine. Although our building is a 5-8 school, many of our students are working on math skills below and some that are above their grade level, thus we have added resources that are K-8. COSTS: Free ☺

Khan Academy: Khan Academy focuses on interactive videos and practice exercises that support your child's learning at her own pace. The activities are simple enough for your child to do on her own but also challenging enough to push her to learn more. Recommended for Kindergarten and up.

NCTM Illuminations: This site is an incredible resource for teachers, parents, and students. There are lessons, interactive games, and brainteasers that are all helpful with homework and extra practice at home. Recommended for PreK and up.

Common Core Sheets Grades: K-6

Math worksheets for just about any area of study. Free downloads. Good for planning lessons, review, and independent work.

TopMarks Grade: PreK-8

TopMarks is a database of resources for teachers, as well as online learning games for students.

Mashup Math Grades K-8

A creative solution that aims to revive students' passion and interest in math. Mashup Math has a library of 100+ math video-lessons as well as a YouTube channel that features new math video-lessons every week. A free e-book of math challenges is also available.

Math-Aids Grades: K-10

Dynamically created math worksheets for students, teachers, parents ... anyone!

Coolmath Games Grades K-12 \$ ad-free version

Yes, math games can be cool! Check out the hundreds of games on this site and on Coolmath4kids.

National Library of Virtual Manipulatives (NVML) Grades: K-12

This National Science Foundation-supported project provides a large library of uniquely interactive, web-based virtual manipulatives and concept tutorials for math instruction.

MathsBot Grades K-12

Tools for math teachers, including bell-ringers and drills, math tools and manipulatives, question generators, printables, and puzzles.

Math Playground Grades: 1-6

More than 425 math games, logic puzzles, and brain workouts for students to practice their math skills.

MrNussbaumMath Grades 1-6

Nearly 100 original math games, workshops, and practice modules, as well as math printables!

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Arithmetic Four Grades: 2-8

Two users play a game in which each player tries to connect four game pieces in a row (like game Connect Four). The players answer math questions to connect the pieces. Teacher chooses how much time each player has to answer, the level of difficulty, and the type of math problem.

Numeracy Ninjas Grades 2-8

This is a free intervention tool designed to fill gaps in students' mental calculation skills and empower them with number fluency. Students can earn ninja belts of different colors for their skill level.

BeatCalc Grades 3-8

Just like it sounds, this game challenges students to beat a calculator! Features step-by-step directions for performing functions quickly.

Learn Zillion: 2nd grade and up.

This video-based website teaches math concepts in short, student-centered lessons. You can search a concept and watch different videos that will teach you and your child how to understand math ideas and strategies. The videos are very child friendly!

K-5 Math Teaching Resources: Kindergarten through 5th grade

I love this website! It's full of games and activities for each math standard that allow you and your child to better understand different topics being taught in the classroom. There are different categories to choose from: number sense, geometry, and measurement and data. Click on the activity or game that will help practice different mathematical concepts.

Sheppard Software Grades: K-6

Tons of fun and educational online math games, from basic operations to algebra and geometry.

Xtramath Grades: K-8

Xtramath is like a daily math vitamin. An interactive online tool that helps students practice and master basic arithmetic facts, it's quick and easy to use. Weekly emails provide progress reports for teachers and parents.

Ninja Maths Grades 2-8

This interactive, online tool helps students master basic facts. Set up as a whole-class or small-group competition, students earn ninja cards and track results on a ninja scoring poster. Two board games that teach operations are also available for purchase.

Free Rice Grades 3-7

This math game serves a dual purpose. Students practice multiplication and pre-algebra math. For each answer they get right, the World Food Programme donates 10 grains of rice to help end hunger.

MATHHelp.com Grades: 5-12

In-depth lessons with videos, guided practice, interactive self-tests, and more.

Figure This! Grades 6-8

Figure This! is a site designed to encourage families to practice math together. It includes fun and engaging math games and high-quality challenges. It even offers challenges in Spanish.

Jefferson Lab Grades 3-11

Your students will love fun math games like Speed Math Deluxe, Mystery Math, Place Value Game, and more.

That Quiz Grades 3-12

Simple math test activities for teachers and students, from beginning math operations to calculus. You set the skill level, how many problems, and time limit. A report, which tallies right and wrong answers, is provided after each quiz.

PBS Math Club Grades: 6-9

From PBS Learning Media, middle schoolers will love this entertaining video blog. Not only does each episode cover Common Core Standards, it makes math learning culturally relevant with pop-culture references.

Quizlet Grades: 5-12

Students can create study flashcards, play learning games, practice skills, collaborate with other students, and more.

VirtualNerd Grades: 6-12

More than 1,500 video lessons ranging from middle-grade math through algebra 2.

Kuta Software Grades 8-12

For teachers of pre-algebra through calculus. Create the math worksheets you need, exactly how you want them, in minutes. You can also create customizable homework, quizzes, and tests.

Desmos Grades: 9-12

An online graphing calculator that students can use for free. Includes a teacher-centric activity builder for creating digital math activities.

GeoGebra Grades: 9-12

Another graphing calculator for functions, geometry, algebra, calculus, statistics, and 3D math. Includes practice sheets.

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Ms. Behrens (7th Grade Math)
Mrs. Bonn (6th Grade Math)
5th Grade Team
Ms. Strasser, 5th Grade
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