

Summer Math Resources - 2017

iPad Games

Motion Math

Motion Math is a collection of 9 apps that offer interactive games to reinforce various skills with over 900 levels of play. The games provide interactive visuals for various mathematical concepts to help deepen understanding.

Thinking Blocks

Thinking Blocks is a collection of four apps to practice solving word problems using the Singapore Math approach of model drawing. Students entering 3rd and 4th grade will be familiar with addition and subtraction models. Students entering 4th and 5th grade will be familiar with multiplication and division models. Fraction models are great for students entering 5th grade.

Hooda Math Games

hoodamath.com offers a wide range of games to strengthen logical and mathematical thinking. The Hooda Math Games app offers 12 of these games in one app.

Splash Math

Splash Math K to 5 is a collection of fun and interactive apps that reinforce math concepts with self-paced and adaptive practice anytime, anywhere since it works on iPads, laptops and desktops.

Web Based Resources

gregtangmath.com

Greg Tang provides a revolutionary, online math program comprising of games, animated books and downloads. Students in K through middle school can participate in his Summer Challenge. Visit the website for games (iPad compatible) and a list of his engaging picture books that involve math concepts.

nrich.maths.org/frontpage

NRICH: Enriching Mathematics is a website from the University of Cambridge in the UK which provides many games, interactive online activities, and problem solving tasks for all grades. Early Years is US Kindergarten; Lower Primary UK Key Stage 1 is US 1st and 2nd grade; Upper Primary UK Key Stage 2 is US 3rd and 4th grade.

bedtimemath.org

Bedtime Math offers great resources for families to have conversations about math with children, including daily problems, math books, and printable activities. Try out the Bedtime Math daily problems as an app.

mathopolis.com/questions/day.php

Mathopolis publishes a Math Question of the Day each day for 2nd grade through high school. This is a quick way to review a variety of skills. Try the previous grade for a review or the upcoming grade for a fun challenge.

STEAM in the City

MoMath

Visit the National Museum of Mathematics at 11 E. 26th St. The museum offers hands-on math exhibits for children of all ages as well as daily programs.

MoMath Summer Camp

The Museum of Math also offers a variety of summer camps called *Transformations 2016* for students entering first through eighth grade. Camps are held weekly at MoMath and include hands-on activities that explore the relationship between math and art, music, and science.

Brooklyn Robot Foundry

The Brooklyn Robot Foundry offers classes and camps at two locations in Park Slope and TriBeCa. They strive to empower all students through building and offer classes specially designed for girls and students with special needs.

Liberty Science Center

The Liberty Science Center in Jersey City is a world-class institution featuring an IMAX dome theater, interactive exhibits for toddlers through adults, as well as a daily schedule of programs, demonstrations, and workshops.

New York Hall of Science

The New York Hall of Science in Queens offers exhibits, programs, and workshops focused on exploration and design. In the fall, they also host the annual Maker Faire where mathematicians, scientists, and artists of all ages come together to celebrate invention, creativity, and resourcefulness.

Workbooks for Extra Practice

Math Practice The Singapore Way and Math Challenge The Singapore Way

rainbowresource.com/prodlist.php?subject=Mathematics/10&category=Math+the+Singapore+Way/11473

The *Practice* workbook provides a page of notes and practice problems for all topics. The *Challenge* workbook provides word problems for all topics at two different levels.

Simple Solutions

simplesolutions.org/products/mathematics/common-core/

The *Simple Solutions* workbook provides a mix of word and computation problems to review and practice all topics.

Summer Skills Math Skills Sharpener

http://www.summerskills.com/summerskillsbooks/math_books

The *Summer Math Skills Sharpener* workbook provides a mix of word and computation problems to review and practice all topics.