

Grade 3-5 Math Resources

Peak your interest. Explore. Wonder. Be curious.

Xtra Math

Visual Patterns - Looking at a visual pattern of the day, what relationships and patterns do you notice? What equation do you think might represent the pattern? Can we use math to predict what the next figure will look like? What about the 99th figure?

Would you rather - Poses a "Would You Rather?" question that requires mathematical thinking and reasoning. This is a great conversation starter and way to get students to talk about math.

Estimation180 - Estimation 180 features daily estimation problems that engage students with number sense and problem solving.

Which One Doesn't Belong? - Thought-provoking patterns that promote observations, noticing, and looking for patterns. It allows students to see that there isn't always one answer, but math is all about relationships.

Comprehensive

Calculation Nation - They have incredible games that you can play to explore many different mathematical concepts and connections. Sign in a guest or make an account.

Learnzillion - Look up any standards to review and reinforce specific skills with videos.

Math Learning Center Games - Find your grade and check out these amazing games from our curriculum!

Math Application Technologies - Cool tools for math, just like the ones we use in class!

100s Grid - Number Splat

Interactive Tools/Models

Interactive Tools/Models 2

Operations & Algebraic Thinking

[Pan Balance Shapes](#) - Explore algebraic relationships. Can you use your knowledge of equality to figure the weight of each shape?

[Algebraic Reasoning Game](#) - Similar to the above game, can you figure out the value of each item given the clues? Great reinforcement of multiplication and division concepts as well.

[Algebra Puzzle](#) - Use the relationships that you discover between the different items to figure out the value of each one.

Numbers & Operations - Base Ten

[Factor Game](#) - Find the factors as you play this strategic game against an opponent.

[Product Game](#) - Similar to the factor game!

[Multiplying with Partial Products](#) - an IXL game.

[Deep Sea Duel](#) - Can you play against a friend and make the target sum first?

[Unit Rates](#) - Practice dividing with decimals using as you find the unit rate

Numbers & Operations - Fractions & Decimals

[Generating Equivalent Fractions](#) - This is an interactive tool that you can use to create equivalent fractions using rectangular models and circles.

[Drop Zone](#) - Use your understanding of equivalent fractions to create sums of 1 in this strategy game.

[Fruit Shoot Addition](#) - Practice adding and subtracting fractions

[Race Track Fractions](#) - Beat your opponent to the end of the race track by adding your fractions

[Comparing Fractions](#) - Fun game that has a time component!

Measurement & Data

[Banana Hunt](#) - Apply your angle measuring skills to help monkeys hunt for bananas!

[Measuring with a Protractor](#) - Work on being precise as you measure with a protractor.

[Exploring Surface Area & Volume](#) - An interactive tool you can use to explore area and volume with 3D figures.

[Area and Perimeter Zoo](#) - Design animal pens at the zoo using your knowledge of area and perimeter

Geometry

[Quadrilaterals and Triangles](#) - Can you help classify them with speed?

[Airlines Builder](#) - In this Cyberchase game, players must construct 3 different ships with the same perimeter by clicking and dragging edge pieces. After the ship is built, the "seats" are filled to show area. After finding all shapes with a perimeter of 8, find shapes with perimeter of 10.

[Shapes Shoot](#) - Reinforce your understanding of quadrilaterals in this fun arcade game!

[Geoboard](#) - Explore two-dimensional shapes and composite shapes on a geoboard!