

KIDSPIRATION: MATH ACTIVITIES



Menu 1: Math Activities

Activity - alphabetical	Explanation	Manipulative	Skills (Skills that can be done w/ minor changes to the activity)
Adding it Up	Find and model different ways to reach a sum.	Colored Tiles	Addition (Subtraction)
Adding with Regrouping	Regroup base ten blocks to solve multi-digit addition problems.	Base Ten Blocks	Addition (Subtraction) (Place Value)
Almost Halves	Discover characteristics of fractions that are close to one-half.	Fraction Boxes	Fractions
Balancing Act	Use shapes to make balanced equations.	Pattern Blocks	Addition (Subtraction)
Bar Graphs	Build bar graphs based on a table.	Colored Tiles Graph Paper	Graphing
*Building Arrays	Build arrays to solve multiplication problems.	Colored Squares Graph Paper	Multiplication (Addition) (Subtraction) (Division) (Area)
Building Fractions	Build fractions by choosing the number of parts and using fill color.	Fraction Boxes	Fractions
Comparing Decimals	Compare decimals using base ten blocks	Base Ten Blocks	Decimals (Fractions) (Place Value)
Comparing Expressions	Compare expressions by building towers.	Colored Tiles Graph Paper	Addition Comparing (<, > or =) (Subtraction) (Multiplication) (Division)
Comparing Numbers	Compare numbers using <, > or =.	Base Ten Blocks	Comparing (<, > or =)
*Congruent Figures	Use pattern blocks to build congruent figures.	Pattern Blocks	Congruent Figures

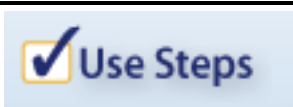
Counting Tiles	Count with color tiles.	Colored Tiles	Counting (Addition) (Subtraction)
Division with Blocks	Model division by sorting base ten blocks into equal groups.	Base Ten Blocks	Division (Grouping)
Equivalent Fractions	How many equivalent fractions can you find?	Fraction Bars	Equivalent Fractions
Exploring Area	Build all possible rectangles with a given area.	Color Tiles Graph Paper	Area Arrays Multiplication (Perimeter)
Exploring Place Value	Show different representations of numbers using base ten blocks.	Base Ten Blocks	Place Value (Addition) (Subtraction)
Fact Families	Model fact families using tiles.	Color Tiles	Addition Subtraction (Multiplication) (Division)
Finding Common Denominators	Use fraction tiles to find common denominators and add fractions.	Fraction Bars	Fractions (Add, Sub Fractions – Least Common Denominator)
Finding Doubles	Use doubles facts to help you solve addition problems	Colored Tiles	Addition Strategies (Prime, Composite)
Fraction Word Problems	Model word problems involving fractions.	Fraction Boxes	Add, Subtract Fractions Compare Fractions
Fractions-Add and Subtract	Use color and cross-outs to build, add and subtract fractions.	Fraction Boxes	Add, Subtract Fractions using Common Denominators
Long Division	Use base ten blocks and step-by-step problem solving for long division.	Base Ten Blocks	Long Division (Division) (Grouping)
*Making Change	Use pennies, nickels, dimes, quarters and dollars to make change.	Money	Addition Subtraction
Making Exchanges	How many exchanges can you make?	Base Ten Blocks	Regrouping Place Value
*Measuring Furniture	Use a ruler to measure furniture in a dollhouse.	Inch Ruler	Measurement (inches)
Mixed and Improper	Change improper fractions into mixed numbers.	Fraction Bars	Fractions Improper Fractions Mixed Numbers

Multiplication with Blocks	Use a place value mat and regrouping to solve multiplication problems.	Base Ten Blocks	Multiplication Place Value
Number Patterns	Use tiles to build, solve and describe number patterns.	Color Tiles	Number Patterns
Ordering Fractions	Order fractions from least to greatest using fraction tiles.	Fraction Bars	Ordering Fractions (Equivalent Fractions) (Comparing Fractions)
Pattern Blocks	Build fractions and learn about part-whole relationships using shapes.	Pattern Blocks	Equivalent Fractions Comparing Fractions (Geometry) (Area)
Patterns with Shapes	Extend and create patterns using shapes.	Pattern Blocks	Geometry Patterns
Representing Numbers	Represent two-digit numbers using ones and tens.	Base Ten Blocks	Counting Place Value Addition
Skip Counting	Skip count using tiles and write skip counting patterns.	Colored Tiles	Counting: Skip Counting
Subtract Apples	Help pick apples from a tree and solve subtraction problems.	Apples & Baskets	Subtraction Addition
Subtraction with Blocks	Use base ten blocks to subtract 3-digit numbers.	Base Ten Blocks	Subtraction
Subtraction with Regrouping	Solve multi-digit subtraction problems by regrouping base ten blocks.	Base Ten Blocks	Subtraction Regrouping (Addition)
*Symmetry	Build designs with line symmetry.	Pattern Blocks	Symmetry Reflection
Tessellations	Create patterns with one, two or three shapes that tessellate the plane.	Pattern Blocks	Tessellation (Symmetry) (Reflection)
Time of Day	Match clock times to daily activities.	Clocks	Telling Time (Sub/Add Time)
Unlike Denominators- Adding	Use the Step Workspace to add fractions with unlike denominators.	Fraction Boxes	Adding Fractions (Comparing Fractions) (Subtracting Fractions)

Visualizing Multiplication	Group numbers two different ways to model multiplication.	Color Tiles	Multiplication (Division) (Fact Families)
Word Problem-Step by Step	Use the Step Workspace to step through solving a word problem.	Color Tiles	Problem Solving Steps

Menu 2: Math Views

- Color Tiles
- Pattern Blocks
- Base Ten Blocks
- Fraction Tiles
- Fraction Boxes
- Free Workspace

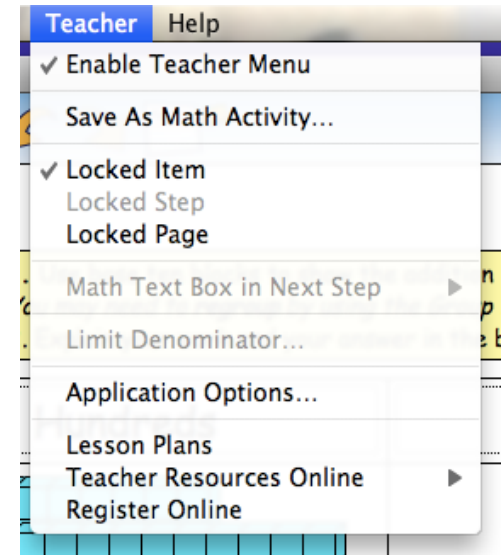


Using Steps: Will divide your document into sections that allow for students to show things in multiple steps. It also includes grouping boxes for students to use.

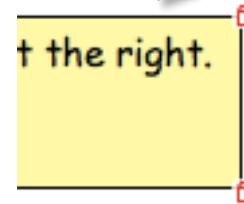
Printing Tip: If you have created an assignment/activity with more than one slide and you would like the students to print it, you can print multiple slides per page. I often do a 9 slide activity and ask students to select 9 slides per page when they go to print. It's small font, but still readable and saves a lot of paper.

Teacher Menu:

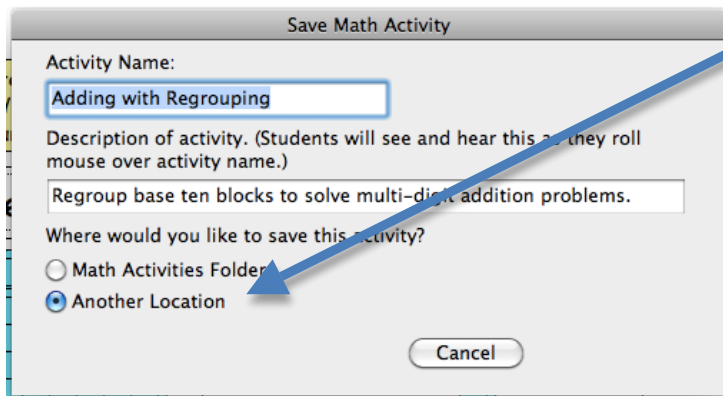
Click “Enable Teacher Menu” in order to use the items in this menu.



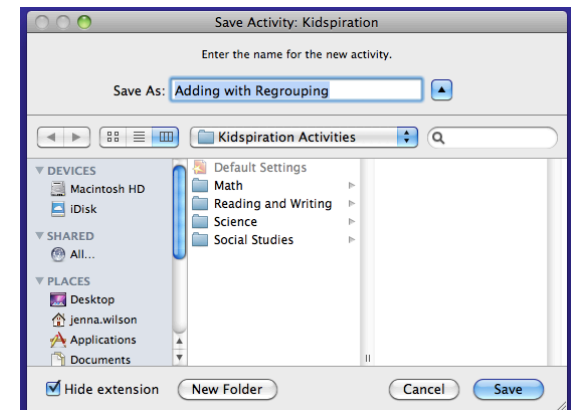
Click “Locked Items” allows you to lock items so that students can’t move or write in them.



“Save As Math Activity” allows you to save something as a Kidspiration Template. When students open this file, it creates a new file automatically instead of having students accidentally write over the original. NOTE: When saving a file as an activity, make sure you click on the save to “Another Location”.



It will give you this screen where you can choose where to save it:



For more math links, go to my website and click on links:
web.bend.k12.or.us/jenna.wilson