

Tool and Description

Name of Tool	Quantity	Description	Example of activities
Color Tiles		<p>Color Tiles can be used in many different types of situations within the math classroom. These tools can help with finding multiplication patterns, solving problems with fractions, simple counting, etc... . They come in different colors so you can color code something such as adding and subtracting. This tool is perfect for all grades.</p>	<p>Students may begin by placing unit blocks, one at a time, in the ones column on a mat. For each unit they place, they record the number corresponding to the total number of units placed (1, 2, 3...). They continue this process until they have accumulated 10 units, at which point they match their 10 units to 1 rod and trade those units for the rod, which they place in the tens column. Students continue in the same way, adding units one at a time to the ones column and recording the totals (11, 12, 13...) until it is time to trade for a second rod, which they place in the tens column (20). When they finally come to 99, there are 9 units and 9 rods on the mat. Adding one more unit forces two trades: first 10 units for another rod and then 10 rods for a flat (100). Then it is time to continue adding and recording units and making trades as needed as students</p>

			work their way through the hundreds and up to the thousands.
Fraction Burger		Fraction Burger®” comprised of the meat, the bun and all the fixings – all divided into the following fractions: 1, 1/2, 1/3, 1/4, 1/5, 1/6, 1/8, 1/10, and 1/12. Sitting on a table or desk often proves irresistible to kids and adults alike, who want to pick it up and begin playing with the pieces as one might play with any puzzle. For this reason, the Fraction Burger can be an especially useful tool with older students who need to strengthen their conceptualization of fractions.	https://thinkmathcurriculum.wordpress.com/tag/fraction-burgers/ This link gives you an idea of how to use the fraction burger tool. The link gives you the reason and how to introduce the students into the fraction burger.
Overhead Fraction Tiles		Fraction tiles allow students to discover fractions, fractional equivalents, add and subtract fractions, work with mixed numbers, and more. Proportionally sized tiles help students compare fractional values. Also these tiles are interactive on the overhead projector. Enjoy teaching your students fraction skills such as: adding and subtracting fractions, ratios, mixed numbers, etc.	https://www.teachervision.com/fractions/fraction-strips-grades-3-5 This link provides you with an idea of how to creatively use the fraction tiles. This links help you understand the use of the tiles. Also gives you a way to assign independent practices.
Base 10 Blocks		Base Ten Blocks gives students a hands-on	https://www.ashleigh-educationjourney.com/m

		ways to learn place value, number concepts, operations, measurement. They help students physically represent what they're learning. By building number combinations with Base Ten Blocks, students ease into the concept of regrouping. Base Ten Blocks can be used to develop an understanding of the meaning of addition, subtraction, multiplication, and division.	ath-station-monday-place-value/ This link gives you a general idea of how to use the base ten blocks in the classroom. Also a way to make using the for fun and learning at the same time. Great for grades from 4th-8th.
Percentage Tiles (cannot find)			
Wrap Ups		Practice basic facts with this refreshing change from flash cards! To use the self-checking Wrap-Ups, start with the number at the top of the left column, perform the operation indicated in the center, then draw the string across to the correct answer in the right column. When all questions have been answered, turn the board over to check the embossed answer key lines on the back against the pattern made by the answer string. Have wrap ups for addition, subtraction, multiplication, division.	https://youtu.be/gvKtisi0rjM This video teaches you how to effectively use the wrap ups. This link could be shown to the students as both the teacher and student can learn how to use the math manipulative together.
Fraction Stamp		The wooden fraction	https://www.teachers

		<p>stamps help students and teachers create math problems and solve them. Set is divided into fourths, thirds, halves, sixths, eighths and a whole. This allows students to be able to see the fractions and see a physical representation.</p>	<p>payteachers.com/Product/Equivalent-Fraction-Circle-Activity-Lab-571585</p> <p>This activity includes a print out. The print out makes Students use fraction circle pieces to make equivalent fractions and then record them on the table.</p>
Decimal Pieces(cannot find)			
Cuisenaire Rods		<p>Cuisenaire Rods include 10 different colors, each having their own lengths. The white being 1 cm and the orange rods being the longest with 10 cm. The rods let the students explore adding concepts, multiplication, division, fractions, and decimals. The students could also be used to model data in statistical analysis.</p>	<p>https://mathforlove.com/lesson/cuisenaire-rod-lessons/</p> <p>This activity is perfect for grades K-2nd. It shows how to introduce the rods to the students. It also give fun games to play with the students.</p>
Slide Rules		<p>The slide rule is a versatile tool that helps the user to calculate a number of different mathematical problems. Use the lower scale for bigger problems. When no numbers correspond on the slide rule, shift it to the left instead of to the right. Here you'll be multiplying by tenths rather than</p>	<p>https://www.teachervision.com/mathematics/slide-rule</p> <p>This link gives the instruction on how to use the slide rules. Once you have taught yourself, the user, on how to use it then you could show students how to use it. Perfect for grades 8th-12th.</p>

		whole numbers so remember to move the decimal points to get the correct answer.	
Motor Numbers		This unique math tool is perfect for students who are having trouble writing numbers. This math tool allows the student to build muscle memory to write the numbers from 0-9. This is great for students of all ages.	This tool is for the students who are having trouble remembering the way to write the basic numbers from 0-9. An activity for this could be having the student write the number using the motor number and then write that onto a sheet of paper for an reward.