


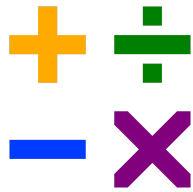
Math: At Home Activities to do With Your Child

Grade Level	What does math generally look like for their age?	What can I do to support math at home?	More about math with my child...
PreK	<ul style="list-style-type: none"> -understanding that a number (digit) has a value -counting objects -number recognition 0-10 -rote counting up to 30 	<ul style="list-style-type: none"> -count real-world objects -number flashcards (out of order) -practice writing numbers 	<ul style="list-style-type: none"> -http://www.starfall.com -http://www.abcya.com -use UNO cards to recognize number and color
Kindergarten	<ul style="list-style-type: none"> -counting higher values -combining and taking away -measuring with non-standard objects (this table is 10 paper clips long) -comparing numbers up to 20 	<ul style="list-style-type: none"> -count real-world objects to 20 -practice counting out loud from 1-100 forwards and backwards and from different starting points -use vocabulary like one more, one less, greater than and less than. 	<ul style="list-style-type: none"> www.dreambox.com www.coolkindergarten.com www.sheppardsoftware.com/math.htm
1st Grade	<ul style="list-style-type: none"> -Focus on addition/subtraction up to 20 -Building problem solving skills -Building place value and number sense -Introduction to: <ul style="list-style-type: none"> Measurement Geometry Fractions Money Graphs Time 	<ul style="list-style-type: none"> -practice counting out loud from 1-120 forwards and backwards and from different starting points -practice counting by 2's, 5's, and 10's (helps with time, money and eventually multiples) -practice real world math- count items at home or at the store, -add and subtract items you see around you -play "store" using real coins -encourage your child to tell the time (to the hour or half hour) -make addition and subtraction flash cards 	<p>There are many games that encourage math development</p> <ul style="list-style-type: none"> -Yahtzee (basic addition) -Puzzles (spatial awareness) -Connect Four (problem solving) -Monopoly (money) -Osmo (for iPad, math and coding) <div style="text-align: center;">  </div>

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2nd Grade	<ul style="list-style-type: none"> -Adding and subtracting with and without regrouping -Easily add and subtract basic facts -Understands place value to the hundreds -Recognizes various forms of numbers: standard form, base 10 block form, word form, and expanded form -Knowledge of each coin and its value, as well as adding coins -Tell time to the hour, half hour and minute -Measurement using a ruler in inches and centimeters 	<ul style="list-style-type: none"> -Practice basic facts often and use strategies such as make a ten (4+6) or doubles (4+4) to help with harder problems -Practice telling time to the minute -Counting coins -Practicing measuring with inches and centimeters -Find math in real life situations <p>Prodigy Math Mathplayground.com Khan Academy</p> 	 <p>How many blocks? Hundreds: 6, Tens: 3, Ones: 0 $600 + 30 = 630$</p>
3rd Grade	<ul style="list-style-type: none"> -Ability to work through 2 step word problems using addition, subtraction, multiplication, and/or division. -Round and compare numbers up to 999,999 -Tells time to the hour, half hour, quarter hour, and minute -Ability to regroup when adding and subtracting (borrow and carry over) -Identify 2D & 3D shapes -Identify parts of a whole (fractions) -2 Digit by 1 digit multiplication -Adds & subtracts money 	<ul style="list-style-type: none"> -Addition, Subtraction, & Multiplication facts (flashcards) -Work through the 3rd grade Math Stars with your child. -Ask your child to round the cost of a product at the grocery store while shopping (round amounts and gain a total mentally) <p>Prodigy Math Khan Academy Mathplayground.com Multiplication.com</p> <p>https://store.esc13.net/collections/click-on-teks/audience_parent</p>	<p>https://www.education.com/activity/third-grade/math/</p>  <p>https://drive.google.com/a/dsisdtx.us/file/d/0B_ARmcf7qihRjkzZEpsYUk2NkE/view?usp=sharing</p> 

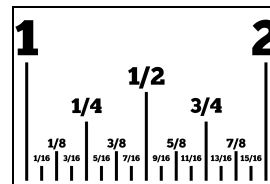
4th Grade & 5th Grade



- Place value through millions and hundredths (1,000,000.00)
- Addition and Subtraction of whole numbers and decimals
- multiplication through 2 digit x 2 digit
- division - 4 digit by 1 digit divisor
- equivalent fractions
- measuring angles
- customary & metric unit
- problem solving - multi-step
- Number sense and number relationships

- Addition and Multiplication facts
- Practice exchanging money
- Measure objects - length, weight, mass, incl. cooking measurements
- Practice benchmark fractions ($\frac{1}{2}$, $\frac{1}{4}$)
- Decimal and fraction relationships ($\frac{1}{10} = 0.1$) ($\frac{1}{100} = 0.01$)

Prodigy Math
Khan Academy
Mathplayground.com
Multiplication.com



Khan Academy
4th Grade STEAM Site
Mental math problems

Strategy and Thinking Games also help mathematical thinking:

Chess
Puzzles
Osmo (for iPad: math games and coding)