

Parents' Guide

Math Skills Every Student Needs

Kindergarten <ul style="list-style-type: none">*Recognize numbers up to 10*Touch count objects*Recognize and create patterns*Count up to 30*Understanding of basic math concepts:<ul style="list-style-type: none">Space (above, below)Quantity (medium, few)Time (before, beginning)	Grade One <ul style="list-style-type: none">*Recognize numbers up to 20*Addition and Subtraction facts to 10*Doubles facts to 12 ($2+2=4$ / $3+3=6$)*Count to 100 by 1s, 5s, and 10s*Count to 20 by 2s*Fact Families:<ul style="list-style-type: none">$7+3=10$ $3+7=10$$10-3=7$ $10-7=3$
Grade Two <ul style="list-style-type: none">*Place Value (Ones and Tens)*Count on by 2s, 5s, or 10s to 100 forwards and backwards*Identify odd and even numbers*Compare attributes of shapes (square, rectangle, circle, triangle)*Recognize numbers to 100	Grade Three <ul style="list-style-type: none">*Addition and Subtraction Facts to 20*Recognize Coins and Bills up to \$5.00*Place Value (Hundreds)*Measure using m/cm, kg/g*Skip count by 25 (25/50/75/100)*Double facts to 20*Months and days in order*Identify common fractions ($1/2$, $1/4$, $1/3$, $3/4$)

<p>Grade Four</p> <ul style="list-style-type: none"> *Identify coins and bills up to \$100.00 *Understand how to make change *Strategies for addition and subtraction to 10,000 with regrouping *Place Value (Thousands to Hundredths 0.01) *Tell Time *Multiplication facts up to 10x10 	<p>Grade Five</p> <ul style="list-style-type: none"> *Multiplication and Division Facts up to 11X11 *Place Value 1 Million to Thousandths (1,000,000 to .001) *Compare and Order Fractions with like numerators and different denominators ($1/2 > 1/3$) *Multiplying Larger Numbers ($125 \times 35 = 4375$)
<p>Grade Six</p> <ul style="list-style-type: none"> *Identify and order positive and negative numbers (+1.-1) *Place Value (millions to thousandths) *Identify Factors (6: 1,2,3,6) *Equivalent Fractions ($3/6 = \frac{1}{2}$) *Multiplication Facts up to 12 X 12 	<p>Grade Seven</p> <ul style="list-style-type: none"> *Addition and Subtraction of Positive and Negative Numbers [$(+5) - (-4) = 9$] *Fractions (Add/Subtract) *Order of Operations (BEDMAS = brackets, exponents, multiply/divide, add/subtract) *Rules of Divisibility *Area, perimeter and volume *Solve equations with a variable ($7n + 3 = 38$) *Operations with decimals ($396.89 \times 4.2 = 1666.938$)

****Please note: These skills do not cover the entire math curriculum at each grade level, but rather provide parents with a list of skills that can be practiced and reinforced at home to assist students in reaching mastery.**