

**SAINT AGNES SCHOOL**  
**MATH ESSENTIAL SKILLS**  
**Updated May 2017**

**Mastery 85%**

Kindergarten

- I can count orally to 100.
- I can count by 10's to 100.
- I can count by 5's to 100.
- I can know my basic shapes.
- I can recognize the numbers 1-20.
- I can know my days of the week.
- I can know their months of the year.

1<sup>st</sup> Grade

- I can add and subtract facts through 12.
- I can count by 2 to 25
- I can identify a penny, nickel, dime, and quarter, and can count money using a combination of different coins.
- I can identify the hour hand and minute hand on the clock, as well as tell the time to the hour and half hour.
- I can read a number line.

2<sup>nd</sup> Grade

- I can use the concepts of greater than ( $>$ ) and less than ( $<$ ) correctly.
- I can read tally graphs, bar graphs, and pictographs.
- I can add and subtract facts to 18.
- I can count coins up to 1.00.
- I can tell time by quarter hour.

3<sup>rd</sup> Grade

- I can do place value up to the ten thousands place.
- I can add numbers into the thousands with regrouping.
- I can subtract numbers into the thousands with regrouping.
- I can multiply up to  $10 \times 10$ .
- I can divide up to  $100 \div 10$ .
- I can count money using dollars and coins.
- I can tell time to the minute.
- I can add/subtract, multiply/divide all fact families.

4<sup>th</sup> Grade

- I can identify, read, and write numbers up through the hundred millions.
- I can compare and order numbers up through the hundred millions.
- I can work with basic addition, subtraction, multiplication, and division facts with both speed and accuracy.

I can add numbers up through the hundred thousands, with and without carry over.  
I can subtract numbers up through the hundred thousands, with and without borrowing.  
I can multiply 2, 3, and 4-digit numbers with a one-digit number.  
I can multiply a 2 and 3-digit number with a two-digit number.  
I can divide a 2, 3, and 4-digit number by a one-digit number.  
I can identify, read, and illustrate fractions.  
I can add and subtract fractions.

#### 5<sup>th</sup> Grade

I can read, write, add, and subtract numbers to hundred billions with regrouping.  
I can multiply and divide 4 digit numbers by 2 digit numbers.  
I can solve equations using order of operations.  
I can multiply and divide fractions.  
I can add, subtract and multiply decimals to thousandths.  
I can read and construct various types of graphs with mean, median and mode.  
I can identify properties of addition and multiplication.  
I can write numbers using expanded form with exponents.

#### 6<sup>th</sup> Grade

I can read and write numbers from the trillions to the millionths.  
I can divide decimals.  
I can convert from decimals to fractions to percentages and reverse.  
I can estimate to solve problems.  
I can find the greatest common factor and least common multiple.  
I can solve proportion problems with ratios and percentages.

#### 7<sup>th</sup> Grade

I can classify numbers as whole numbers, counting numbers, rational numbers, irrational numbers, prime and composite numbers, integers, and real numbers.  
I can add, subtract, multiply, and divide integers.  
I can solve word problems with ratios, percentages and proportions.  
I can multiply variables with exponents.  
I can simplify expressions by adding and subtracting like terms.  
I can use the distributive property to solve problems.  
I can solve equations with variables.  
I can graph ordered pairs.

#### 8<sup>th</sup> Grade

I can perform the order of operations on problems with rational numbers.  
I can simplify expressions by adding and subtracting like terms and multiplying and dividing monomials.  
I can solve equations with multiple steps.  
I can solve linear equations.  
I can solve inequalities.