$\qquad$

## Math Mastery Scale

| Skill | Descriptor |
| :---: | :---: |
| Excelling A+ | I know (can do) it well enough to make connections that weren't taught, and I'm right about those connections. |
| thriving A | I know (can do) it well enough to make connections that weren't taught, but I'm not always right about those connections. |
| Proficient A- | I know (can do) everything that was taught (the easy parts and the harder parts) without making mistakes. |
| gaining Stride B+ | I know (can do) all the easy parts and some (but not all) of the harder parts. |
| Satisfactory B | I know (can do) all the easy parts, but I don't know (can't do) the harder parts yet. |
| developing C+ | I know (can do) some of the easier parts, but I make some mistakes. |
| Basic <br> C | With help I know (can do) some of the harder parts and some of the easier parts. |
| emerging N | With help, I know (can do) some of the easier parts but not the harder parts. |
| Limited N | I don't know (can't do) any of it. |

$\qquad$

Strand: Number
General Outcome: Develop number sense.
7N1. Divisibility Rules - Determine and explain why a number is divisible by $2,3,4$, $5,6,8,9$, or 10 , and why a number cannot be divided by zero.
$\checkmark$ I can use divisibility rules to determine if a number can be divided by 2,3 , $4,5,6,8,9,10$.
$\checkmark$ I can explain why a number can not be divided by zero.
$\checkmark$ I can sort numbers based on their divisibility using various organizers.
$\checkmark$ I can use divisibility rules to find factors.
$\checkmark$ I can explain the difference between factors and multiples, prime numbers and composite numbers.

7N1 - Divisibility Rules


## Reflections

| My goal is: |  |  |
| :--- | :--- | :--- |
| Date | Specific Things I Will Do To Improve: | Teacher <br> Initial |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |

$\qquad$

Strand: Number
General Outcome: Develop number sense.
7N2. Decimal Operations - Demonstrate an understanding of the addition, subtraction, multiplication, and division of decimals to solve problems.
$\checkmark$ I can add, subtract, multiply, and divide decimal numbers, without technology.
$\checkmark$ I can determine whether to add, subtract, multiply or divide, in a problem situation.
$\checkmark$ I can use estimation to justify my answer.
$\checkmark$ I can apply the use of order of operations correctly when evaluating expressions with decimals.

7N2 - Decimal Operations


## Reflections

| My goal is: |  |  |
| :--- | :--- | :--- |
| Date | Specific Things I Will Do To Improve: | Teacher <br> Initial |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |

$\qquad$

Strand: Number
General Outcome: Develop number sense.
7N3. Percents - Solve problems involving percents from $1 \%$ to $100 \%$.
$\checkmark$ I can calculate a percentage.
$\checkmark$ I can express percents as fractions and decimals.
$\checkmark$ I can calculate percent of a number.
$\checkmark$ I can use percent calculations appropriately in problem situations (such as, sales tax, discounts, tips, total costs, percent increase and decrease, etc.)

7N3 - Percents

| $\begin{array}{ll}  & \mathrm{E} \\ \mathrm{~S} & \mathrm{P} \\ \mathrm{~K} & \\ \mathrm{I} & \mathrm{~S} \\ \mathrm{~L} & \\ \mathrm{~L} & \mathrm{~B} \\ & \\ & \end{array}$ |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |
|  |  |  |  | Date |  |  |  |  |  |

## Reflections

| My goal is: |  |  |
| :--- | :--- | :---: |
| Date | Specific Things I Will Do To Improve: | Teacher <br> Initial |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |

$\qquad$

## Strand: Number

General Outcome: Develop number sense.
7N4. Fraction Decimal Conversions - Demonstrate an understanding of the relationship between positive terminating decimals and positive fractions and between positive repeating decimals and positive fractions.
$\checkmark$ I can express fractions as decimals.
$\checkmark$ I can express terminating decimals as fractions.
$\checkmark$ I can express repeating decimals as fractions.
$\checkmark$ I can write a repeating decimals using bar notation.
$\checkmark$ I can determine when it is appropriate to round, and to what place value.

## 7N4 - Fraction Decimal Conversions



## Reflections

| My goal is: |  |  |
| :--- | :--- | :--- |
| Date | Specific Things I Will Do To Improve: | Teacher <br> Initial |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |

$\qquad$

Strand: Number
General Outcome: Develop number sense.
7N5. Addition \& Subtraction of Fractions - Demonstrate an understanding of adding and subtracting positive fractions and mixed numbers, with like and unlike denominators, concretely, pictorially, and symbolically.
$\checkmark$ I can create equivalent fractions.
$\checkmark$ I can simplify or reduce fractions to their lowest terms.
$\checkmark$ I can model the addition and subtraction of fractions concretely, pictorially, and symbolically.
$\checkmark$ I can use equivalent fractions to add and subtract fractions.
$\checkmark$ I can solve problems involving fractions and determine if the solution is reasonable.

7N5 - Addition \& Subtraction of Fractions


## Reflections

| My goal is: |  |  |
| :--- | :--- | :--- |
| Date | Specific Things I Will Do To Improve: | Teacher <br> Initial |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |

$\qquad$

Strand: Number
General Outcome: Develop number sense.
7N6. Addition \& Subtraction of Integers - Demonstrate an understanding of addition and subtraction of integers, concretely, pictorially, and symbolically.
$\checkmark$ I can demonstrate concretely and pictorially the zero principle.
$\checkmark$ I can add and subtract integers concretely and pictorially, and record the process symbolically.
$\checkmark$ I can solve problems involving the addition and subtraction of integers.
7N6 - Addition \& Subtraction of Integers


## Reflections

| My goal is: |  |  |
| :--- | :--- | :--- |
| Date | Specific Things I Will Do To Improve: | Teacher <br> Initial |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |

$\qquad$

Strand: Number
General Outcome: Develop number sense.
7N7. Value Comparison - Compare and order positive fractions, positive decimals (to thousandths) and whole numbers by using: benchmarks, place value, equivalent fractions and/or decimals.
$\checkmark$ I can compare whole numbers, fractions, and decimals.
$\checkmark$ I can order whole numbers, fractions, and decimals.
$\checkmark$ I can correctly place whole numbers, fractions, and decimals on a number line.

## 7N7 - Value Comparison



## Reflections

| My goal is: |  |  |
| :--- | :--- | :--- |
| Date | Specific Things I Will Do To Improve: | Teacher <br> Initial |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |

$\qquad$

## Strand: Patterns \& Relations

General Outcome: Use patterns to describe the world and to solve problems.
7PR1. Patterns \& Rules - Demonstrate an understanding of oral and written patterns and their equivalent linear relations.
$\checkmark$ I can identify and predict the next stage in a pattern.
$\checkmark$ I can describe the relationship between the stage number and the output of the pattern.
$\checkmark$ I can create an algebraic expression to represent a pattern.
$\checkmark$ I can create a pattern from a given algebraic expression.

## 7PR1 - Patterns \& Rules

| $\begin{array}{ll}  & \mathrm{E} \\ \mathrm{~S} & \mathrm{P} \\ \mathrm{~K} & \\ \mathrm{I} & \mathrm{~S} \\ \mathrm{~L} & \\ \mathrm{~L} & \mathrm{~B} \\ & \\ & \end{array}$ |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |
|  |  |  |  | Date |  |  |  |  |  |

## Reflections

| My goal is: |  |  |
| :--- | :--- | :--- |
| Date | Specific Things I Will Do To Improve: | Teacher <br> Initial |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |

$\qquad$

## Strand: Patterns \& Relations

General Outcome: Use patterns to describe the world and to solve problems.
7PR2. Table of Values - Create a table of values from a linear relation, graph the table of values, and analyze the graph to draw conclusions and solve problems.
$\checkmark$ I can substitute into an equation to create a table of values.
$\checkmark$ I can graph a table of values.
$\checkmark$ I can use a graph to solve problems.

## 7PR2 - Table of Values



## Reflections

| My goal is: |  |  |
| :--- | :--- | :--- |
| Date | Specific Things I Will Do To Improve: | Teacher <br> Initial |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |

$\qquad$

## Strand: Patterns \& Relations

General Outcome: Represent algebraic expressions in multiple ways.
7PR3. Preservation of Equality - Demonstrate an understanding of preservation of equality by: modeling preservation of equality, concretely, pictorially, and symbolically, applying preservation of equality to solve equations.
$\checkmark$ I can model preservation of equality concretely, pictorially, and symbolically.
$\checkmark$ I can solve equations using preservation of equality.
7PR3 - Preservation of Equality

| $\begin{array}{ll}  & \mathrm{E} \\ \mathrm{~S} & \mathrm{P} \\ \mathrm{~K} & \\ \mathrm{I} & \mathrm{~S} \\ \mathrm{~L} & \\ \mathrm{~L} & \mathrm{~B} \\ & \\ & \mathrm{~L} \end{array}$ | E |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |
|  |  |  |  | Date |  |  |  |  |  |

## Reflections

| My goal is: |  |  |
| :--- | :--- | :--- |
| Date | Specific Things I Will Do To Improve: | Teacher <br> Initial |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |

$\qquad$

## Strand: Patterns \& Relations

General Outcome: Represent algebraic expressions in multiple ways.
7PR4. Expressions \& Equations - Explain the difference between an expression and an equation.
$\checkmark$ I can explain the difference between an expression and an equation.
$\checkmark$ I can identify and provide examples of constant terms, numerical coefficients, and variables.
$\checkmark$ I can explain how constant terms, numerical coefficients, and variables are used to create an algebraic expression.

7PR4 - Expressions \& Equations

| $\begin{array}{ll}  & \mathrm{E} \\ \mathrm{~S} & \mathrm{P} \\ \mathrm{~K} & \\ \mathrm{I} & \mathrm{~S} \\ \mathrm{~L} & \\ \mathrm{~L} & \mathrm{~B} \\ & \\ & \end{array}$ |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |
|  |  |  |  | Date |  |  |  |  |  |

Reflections

| My goal is: |  |  |
| :--- | :--- | :--- |
| Date | Specific Things I Will Do To Improve: | Teacher <br> Initial |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |

$\qquad$

## Strand: Patterns \& Relations

General Outcome: Represent algebraic expressions in multiple ways.
7PR5. Evaluating Expressions - Evaluate an expression, given the value of the variable(s).
$\checkmark$ I can use substitution to evaluate an expression.

7PR5 - Evaluating Expressions


## Reflections

| My goal is: |  |  |
| :--- | :--- | :--- |
| Date | Specific Things I Will Do To Improve: | Teacher <br> Initial |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |

$\qquad$

## Strand: Patterns \& Relations

General Outcome: Represent algebraic expressions in multiple ways.
7PR6. Solving Equations I - Model and solve, concretely, pictorially, and symbolically, problems that can be represented by one-step linear equations of the form $x+a=b$, where $a$ and $b$ are integers.
$\checkmark$ I can represent a given problem with an algebraic equation and solve concretely, pictorially, and symbolically.
$\checkmark$ I can verify the solution to an algebraic equation.
7PR6 - Solving Equations I

| E | , |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| $\begin{array}{ll} \mathrm{S} & \mathrm{P} \\ \mathrm{~K} & \\ \mathrm{I} & \mathrm{~S} \\ \mathrm{~L} & \\ \mathrm{~L} & \mathrm{~B} \end{array}$ |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |

## Reflections

| My goal is: |  |  |
| :--- | :--- | :--- |
| Date | Specific Things I Will Do To Improve: | Teacher <br> Initial |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |

$\qquad$

## Strand: Patterns \& Relations

General Outcome: Represent algebraic expressions in multiple ways.
7PR7. Solving Equations II - Model and solve, concretely, pictorially, and
symbolically, problems that can be represented by linear equations of the form: $a x+b=c, a x=b, \frac{x}{a}-b, a \neq 0$, where $a, b$, and $c$ are whole numbers.
$\checkmark$ I can represent a given problem with an algebraic equation and solve concretely, pictorially, and symbolically.
$\checkmark$ I can verify the solution to an algebraic equation.
7PR7 - Solving Equations II


## Reflections

| My goal is: |  |  |
| :--- | :--- | :---: |
| Date | Specific Things I Will Do To Improve: | Teacher <br> Initial |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |

$\qquad$

## Strand: Shape \& Space

General Outcome: Use direct and indirect measurement to solve problems.
7SS1. Circle Properties - Demonstrate an understanding of circles by: describing the relationships among radius, diameter and circumference, relating circumference to pi, determining the sum of the central angles, constructing circles with a given radius or diameter, solving problems involving the radii, diameters, and circumference of circles.
$\checkmark$ I can illustrate and explain the relationship between radius and diameter.
$\checkmark$ I can illustrate and explain the relationship between diameter, pi, and circumference.
$\checkmark$ I can construct circles with a given radius or diameter.
$\checkmark$ I can demonstrate that the sum of the central angles in any circle is $360^{\circ}$.
$\checkmark$ I can use the properties of circles to solve problems.
7SS1 - Circle Properties


## Reflections

| My goal is: |  |  |
| :--- | :--- | :--- |
| Date | Specific Things I Will Do To Improve: | Teacher <br> Initial |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |

$\qquad$

## Strand: Shape \& Space

General Outcome: Use direct and indirect measurement to solve problems.
7SS2. Area - Develop and apply a formula for determining the area of: triangles, parallelograms, circles.
$\checkmark$ I can use the formula for the area of a rectangle, to develop formulas for the areas of triangles and parallelograms.
$\checkmark$ I can demonstrate and explain how to estimate the area of a circle.
$\checkmark$ I can apply formulas to calculate the area of triangles, parallelograms, and circles.
$\checkmark$ I can solve problems involving the area of triangles, parallelograms, and circles.

7SS2 - Area


## Reflections

| My goal is: |  |  |
| :--- | :--- | :--- |
| Date | Specific Things I Will Do To Improve: | Teacher <br> Initial |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |

$\qquad$

## Strand: Shape \& Space

General Outcome: Describe the characteristics of 3-D objects and 2-D shapes, and analyze the relationships among them.
7SS3. Geometric Constructions - Perform geometric constructions including:
perpendicular line segments, parallel line segments, perpendicular bisectors, angle bisectors.
$\checkmark$ I can find examples of parallel line segments, perpendicular line segments, perpendicular bisectors, and angle bisectors in the environment.
$\checkmark$ I can construct perpendicular lines and verify that they are perpendicular.
$\checkmark$ I can construct parallel lines and verify that they are parallel.
$\checkmark$ I can construct the bisector of an angle and verify that the resulting angles are equal.
$\checkmark$ I can construct a perpendicular bisector and verify that the line segments are equal.

7SS3-Geometric Constructions


## Reflections

| My goal is: |  |  |
| :--- | :--- | :--- |
| Date | Specific Things I Will Do To Improve: | Teacher <br> Initial |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |

$\qquad$

## Strand: Shape \& Space

General Outcome: Describe and analyze position and motion of objects and shapes.
7SS4. Graphing on a Cartesian Plane - Identify and plot points in the four quadrants of a Cartesian plane, using integral ordered pairs.
$\checkmark$ I can identify the origin and label the axes of a 4-Quadrant Cartesian Plane.
$\checkmark$ I can plot ordered pairs in all four quadrants.
$\checkmark$ I can write the ordered pair of a point in any quadrant on a Cartesian Plane.

7SS4 - Graphing on a Cartesian Plane


Reflections

| My goal is: |  |  |
| :--- | :--- | :--- |
| Date | Specific Things I Will Do To Improve: | Teacher <br> Initial |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |

$\qquad$

## Strand: Shape \& Space

General Outcome: Describe and analyze position and motion of objects and shapes.
7SS5. Transformations - Perform and describe transformations (translations, reflections, or rotations) of a 2-D shape in all four quadrants of a Cartesian plane. (It is intended that the original shape and its image have vertices with integral coordinates.)
$\checkmark$ I can identify and describe a transformation.
$\checkmark$ I can perform a given transformation.
$\checkmark$ I can identify and perform combinations of transformations.
7SS5 - Transformations

| $\begin{array}{ll}  & \mathrm{E} \\ \mathrm{~S} & \mathrm{P} \\ \mathrm{~K} & \\ \mathrm{I} & \mathrm{~S} \\ \mathrm{~L} & \\ \mathrm{~L} & \mathrm{~B} \\ & \\ & \end{array}$ | E |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |

Reflections

| My goal is: |  |  |
| :--- | :--- | :--- |
| Date | Specific Things I Will Do To Improve: | Teacher <br> Initial |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |

$\qquad$

## Strand: Statistics \& Probability

General Outcome: Collect, display and analyze data to solve problems.
7SP1. Mean, Median, Mode, \& Range - Demonstrate an understanding of central tendency and range by: determining the measures of central tendency and range, determining the most appropriate measures of central tendency to report findings.
$\checkmark$ I can define central tendency, mean, median, mode, and range.
$\checkmark$ I can calculate mean, median, mode, and range.
$\checkmark$ I can determine which measure of central tendency is most appropriate (which to use and when.)
$\checkmark$ I can compare the measures of central tendency to each other.
$\checkmark$ I can solve problems involving measures of central tendency.
7SP1 - Mean, Median, Mode, \& Range


## Reflections

| My goal is: |  |  |
| :--- | :--- | :--- |
| Date | Specific Things I Will Do To Improve: | Teacher <br> Initial |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |

$\qquad$

## Strand: Statistics \& Probability

General Outcome: Collect, display and analyze data to solve problems.
7SP2. Outliers - Determine the effect on the mean, median, and mode when an outlier is included in a data set.
$\checkmark$ I can identify outliers in a set of data.
$\checkmark$ I can explain the effect of outliers on the measures of central tendency.
$\checkmark$ I can explain when to include or exclude an outlier.
7SP2 - Outliers


## Reflections

| My goal is: |  |  |
| :--- | :--- | :--- |
| Date | Specific Things I Will Do To Improve: | Teacher <br> Initial |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |

$\qquad$

## Strand: Statistics \& Probability

General Outcome: Collect, display and analyze data to solve problems.
7SP3. Circle Graphs - Construct, label, and interpret circle graphs to solve problems.
$\checkmark$ I can convert raw data into percents and portions of $360^{\circ}$.
$\checkmark$ I can construct and label (title, legend, percents, categories, etc.) a circle graph without technology.
$\checkmark \quad$ I can construct and label (title, legend, percents, categories, etc.) a circle graph with technology.
$\checkmark$ I can interpret circle graphs to answer questions.
7SP3 - Circle Graphs

| $\begin{array}{ll}  & \mathrm{E} \\ \mathrm{~S} & \mathrm{P} \\ \mathrm{~K} & \\ \mathrm{I} & \mathrm{~S} \\ \mathrm{~L} & \\ \mathrm{~L} & \mathrm{~B} \\ & \mathrm{~L} \end{array}$ | E |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |
|  |  |  |  | Date |  |  |  |  |  |

## Reflections

| My goal is: |  |  |
| :--- | :--- | :---: |
| Date | Specific Things I Will Do To Improve: | Teacher <br> Initial |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |

$\qquad$

## Strand: Statistics \& Probability

General Outcome: Use experimental or theoretical probabilities to represent and solve problems involving uncertainty.
7SP4. Probability - Express probabilities as ratios, fractions, and percents.
$\checkmark$ I can determine the probability of a given outcome.
$\checkmark$ I can express probabilities as ratios, fractions, (decimals,) and percents.
$\checkmark$ I can explain the meaning of probabilities equal to $0(0 \%)$ or 1 ( $100 \%$ ).
7SP4 - Probability

| $\begin{array}{ll}  & \mathrm{E} \\ \mathrm{~S} & \mathrm{P} \\ \mathrm{~K} & \\ \mathrm{I} & \mathrm{~S} \\ \mathrm{~L} & \\ \mathrm{~L} & \mathrm{~B} \\ & \\ \end{array}$ |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |

## Reflections

| My goal is: |  |  |
| :--- | :--- | :--- |
| Date | Specific Things I Will Do To Improve: | Teacher <br> Initial |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |

$\qquad$

## Strand: Statistics \& Probability

General Outcome: Use experimental or theoretical probabilities to represent and solve problems involving uncertainty.
7SP5. Sample Spaces - Identify the sample space for a probability experiment involving two independent events.
$\checkmark$ I can define and provide examples of independent and dependent events.
$\checkmark$ I can display the sample space for two independent events.
7SP5 - Sample Spaces


## Reflections

| My goal is: |  |  |
| :--- | :--- | :--- |
| Date | Specific Things I Will Do To Improve: | Teacher <br> Initial |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |

$\qquad$

## Strand: Statistics \& Probability

General Outcome: Use experimental or theoretical probabilities to represent and solve problems involving uncertainty.
7SP6. Experimental \& Theoretical Probability - Conduct a probability experiment to compare the theoretical probability (determined using a tree diagram, table, or other graphic organizer) and experimental probability of two independent events.
$\checkmark$ I can define theoretical and experimental probability for two independent events.
$\checkmark$ I can find theoretical probability for two independent events.
$\checkmark$ I can conduct a probability experiment, with and without technology, to determine the experimental probability of two independent events.
$\checkmark$ I can compare the theoretical and experimental probabilities of two independent events.
$\checkmark$ I can solve probability problems involving two independent events.
7SP6 - Experimental \& Theoretical Probability


## Reflections

| My goal is: |  |  |
| :--- | :--- | :---: |
| Date | Specific Things I Will Do To Improve: | Teacher <br> Initial |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |

