Overall Scoring		
Mastery of Standard	**Approaching Mastery**	**Beginning to Learn**
Demonstrates mastery of individual goals.	Demonstrates partial mastery of individual goals.	Developing prerequisite skills for mastery of individual goals.

Math 6 Power Standards			
Standard	**Mastery of Standard**	**Approaching Mastery**	**Beginning to Learn**
6.RP.A.3a Use ratios to create tables, find missing values and graph points and compare created ratios.	Use ratios to create a table AND Fill in missing values in a table AND plot and compare pairs on the coordinate plane.	Student is able to do two ~~or three~~ of the following: create a table, find missing values, or plot and compare pairs on the coordinate plane.	Student is able to do one or less of the following: create a table, find missing values, or plot and compare pairs on the coordinate plane.
6.RP.A.3b Solve unit rate problems (i.e. unit pricing and constant speed).	Students can model equivalent ratios from a situation AND Calculate the unit rate AND Apply the unit rate to an extended situation.	Students is able to do two of the following: model equivalent ratios from a situation OR Calculate the unit rate OR Apply the unit rate to an extended situation.	Students can do one or less of the following: model equivalent ratios from a situation OR Calculate the unit rate OR Apply the unit rate to an extended situation.
6.RPA.3.c Solve percent problems.	Students can do all of the following: Convert between fractions, decimals and percents	Students can do two of the following: Convert between fractions, decimals and percents	Students can do one or less of the following: Convert between fractions, decimals and percents

	AND Find the percent of a whole AND Find the whole given a percent	OR Find the percent of a whole OR Find the whole given a percent	OR Find the percent of a whole OR Find the whole given a percent
6.NS.A.1 Divide fractions by fractions.	Students can set up problem correctly given a word problem AND Apply the standard algorithm to divide fractions by fractions	Students can do one of the following: Set up problem correctly given a word problem OR Apply the standard algorithm to divide fractions by fractions	Students cannot do the following: Set up problem correctly given a word problem AND Apply the standard algorithm to divide fractions by fractions
6.NS.B.3 Add, subtract, multiply, and divide multi-digit decimals.	Use multi-digit decimals to Add AND Subtract AND Multiply AND Divide multi-digit decimals.	Solve two or three of the following: add, subtract, multiply, or divide multi-digit decimals.	Solve one or none of the following: add, subtract, multiply, or divide multi-digit decimals.
6.EE.B.7 Solve real-world and mathematical problems by writing and solving one-step equations.	Student can write an equation given a real word problem AND Solve one-step equations given a real world problem.	Student can do one of the following: Write equations given a real world problem OR solve one-step equations given a real world problem.	Student cannot write equations given a real world or solve one-step equations given a real world problem.
6.G.A.1 Find the area of triangles, quadrilaterals, and irregular figures; apply these techniques in the context of solving real-world and mathematical problems.	Find the area of triangles AND Find the area of quadrilaterals AND	Student can do two of the following, Find the area of triangles	Student can do one or none of the following: Find the area of triangles

	Find the area polygons by composing into rectangles or decomposing into triangles and other shapes.	OR Find the area of quadrilaterals OR Find the area polygons by composing into rectangles or decomposing into triangles and other shapes.	OR Find the area of quadrilaterals OR Find the area polygons by composing into rectangles or decomposing into triangles and other shapes.

Math 7 Power Standards			
Standard	**Mastery of Standard**	**Approaching Mastery**	**Beginning to Learn**
7.NS.A.1-Apply and extend previous understandings of addition and subtraction to add and subtract rational numbers; represent addition and subtraction on a horizontal or vertical number line diagram.	Describe situations in which opposite quantities combine to make 0. AND Understand subtraction of rational numbers as adding the additive inverse. AND Represent addition and subtraction on a number line. AND Add and subtract rational numbers.	Describe situations in which opposite quantities combine to make 0. AND Understand subtraction of integers as adding the additive inverse. OR Represent addition and subtraction on a number line. AND Add and subtract integers OR decimals OR fractions.	Describe situations in which opposite quantities combine to make 0. AND Add and subtract integers.
7.NS.A.2-Apply and extend previous understandings of multiplication and division and of fractions to multiply and divide rational numbers.	Convert a fraction to a decimal. AND Multiply and divide rational numbers.	Convert a fraction to a decimal. AND Multiply and divide integers OR decimals OR fractions.	Multiply and divide integers OR decimals OR fractions.
7.EE.B.4-Use variables to represent quantities in a real-world or mathematical problem, and construct simple equations and inequalities to solve problems by reasoning about the quantities.	Write and solve one step equations. AND Write and solve two step equations. AND Write and solve equations including the distributive property.	Write and solve one step equations. AND Write and solve two step equations. AND Write and solve equations including the distributive	Write OR solve one step equations and inequalities.

	AND Write, solve and graph two step inequalities.	property. OR Write, solve and graph two step inequalities.	
7.RP.A.2-Recognize and represent proportional relationships between quantities.	Identify and compute the constant of proportionality. AND Determine when two quantities are proportional. AND Explain what a point on the graph or a proportional relationship means in terms of a situation. AND Recognize that the graph of any proportional relationship will pass through the origin.	Determine when two quantities are proportional. AND Recognize that the graph of any proportional relationship will pass through the origin. AND Identify and compute the constant of proportionality. OR Explain what a point on the graph or a proportional relationship means in terms of a situation.	Determine when two quantities are proportional. OR Recognize that the graph of any proportional relationship will pass through the origin. OR Identify and compute the constant of proportionality. OR Explain what a point on the graph or a proportional relationship means in terms of a situation.
7.G.B.5-Use facts about supplementary, complementary, vertical, and adjacent angles in a multi-step problem to write and solve simple equations for an unknown angle in a figure.	Identify types of angles as vertical, supplementary, complementary and adjacent. AND Can use 4 types (supplementary, complementary, vertical and adjacent angles) to write and solve an equation for a missing angle.	Identify types of angles as vertical, supplementary, complementary and adjacent. AND Can use 2 types (supplementary, complementary, vertical and adjacent angles) to write and solve an equation for a missing angle. OR Can find a missing angle measure without using an equation.	Identify types of angles as vertical, supplementary, complementary and adjacent.

Math 8 Power Standards Map

Standard	Mastery of Standard	Approaching Mastery	Beginning to Learn
8.EE.B.5: Graph proportional relationships, interpreting the unit rate as the slope of the graph. Compare two different proportional relationships represented in different ways.	Student can find slope of a graph, equations and table. AND Create a graph using an equation or table. AND Can compare slopes of equations, graphs and tables.	Student can find the slope from a graph, equation and table. AND Create a graph of an equation or table. OR Compare slopes of equations, graphs and tables.	Student can find the slope of 2 out of 3 methods: graph, equation and table.
8.EE.C.7: Solve linear equations in one variable.	Student can solve multi-step equations with integers AND Equations with Distributive Property AND Equations with variables on both sides	Student can solve multi-step equations with integers AND Equations with Distributive Property OR Equations with variables on both sides	Student can solve two-step equations with integers
8.F.A.1: Understand that a function is a rule that assigns to each input exactly one output.	Student can identify a table as a function AND Can identify an equation as a function AND Can identify a graph as a function.	Student can identify a table as a function AND Can identify an equation as a function OR Can identify a graph as a function.	Student can identify a table as a function OR Can identify an equation as a function OR Can identify a graph as a function.
8.EE.B.6 - Write the equation of a line in y=mx+b form.	Find the slope from a table and graph. AND	Find the slope from a table and graph. AND	Find the slope from a graph or table. OR

	Find the y-intercept from a table and graph. AND Write the equation of a line in y=mx+b form from a table and graph.	Find the y-intercept from a table and graph. OR Write the equation of a line in y=mx+b form from a table and graph.	Find the y-intercept from a graph or table.
8.G.A.2: Understand how to use a series of transformations (translations, reflections and rotations) to get from one congruent figure to another.	Student can explain congruence of figures. AND Student can perform a series of transformations on one shape AND Student can explain how to use a series of transformations to get from one congruent figure to another.	Student can explain congruence of figures. AND Student can perform a series of transformations on one shape OR Student can explain how to use a series of transformations to get from one congruent figure to another.	Student can explain congruence of figures.
8.EE.A.1 - Evaluate integer exponents.	Student can do all of the following: Evaluate numbers/variables with an exponent of zero AND Evaluate numbers/variables with exponents using multiplication AND Evaluate numbers/variables with exponents using division AND Evaluate numbers/variables with power to a power AND Evaluate numbers/variables with negative exponents AND Evaluate numbers/variables with multi-step exponent rules.	Student can do 4 of the following: Evaluate numbers/variables with an exponent of zero Evaluate numbers/variables with exponents using multiplication Evaluate numbers/variables with exponents using division Evaluate numbers/variables with power to a power Evaluate numbers/variables with negative exponents	Student can do 3 or less of the following: Evaluate numbers/variables with an exponent of zero Evaluate numbers/variables with exponents using multiplication Evaluate numbers/variables with exponents using division Evaluate numbers/variables with power to a power Evaluate numbers/variables with negative exponents

Middle School Math Power Standards 2018-2019

Math 6

6.RP.A.3a Use ratios to create tables, find missing values and graph points and compare created ratios.
6.RP.A.3b Solve unit rate problems (i.e. unit pricing and constant speed).
6.RPA.3.c Solve percent problems.
6.NS.A.1 Divide fractions by fractions.
6.NS.B.3 Add, subtract, multiply, and divide multi-digit decimals.
6.EE.B.7 Solve real-world and mathematical problems by writing and solving one-step equations.
6.G.A.1 Find the area of triangles, quadrilaterals, and irregular figures; apply these techniques in the context of solving real-world and mathematical problems.

Math 6 Advanced

6.RPA.3.c Solve percent problems.
6.NS.A.1 Divide fractions by fractions.
6.NS.B.3 Add, subtract, multiply, and divide multi-digit decimals.
6.G.A.1 Find the area of triangles, quadrilaterals, and irregular figures; apply these techniques in the context of solving real-world and mathematical problems.
7.NS.A.1-Apply and extend previous understandings of addition and subtraction to add and subtract rational numbers; represent addition and subtraction on a horizontal or vertical number line diagram.
7.NS.A.2-Apply and extend previous understandings of multiplication and division and of fractions to multiply and divide rational numbers.

7.RP.A.2-Recognize and represent proportional relationships between quantities.
7.EE.B.4 a Solve word problems leading to equations of the form px + q = r and p(x + q) = r, where p, q, and r are specific rational numbers. Solve equations of these forms fluently. Compare an algebraic solution to an arithmetic solution, identifying the sequence of the operations used in each approach.

Math 7

7.NS.A.1-Apply and extend previous understandings of addition and subtraction to add and subtract rational numbers; represent addition and subtraction on a horizontal or vertical number line diagram.
7.NS.A.2-Apply and extend previous understandings of multiplication and division and of fractions to multiply and divide rational numbers.
7.EE.B.4-Use variables to represent quantities in a real-world or mathematical problem, and construct simple equations and inequalities to solve problems by reasoning about the quantities.
7.RP.A.2-Recognize and represent proportional relationships between quantities.
7.G.B.5-Use facts about supplementary, complementary, vertical, and adjacent angles in a multi-step problem to write and solve simple equations for an unknown angle in a figure.

Math 7 Advanced

7.EE.B.4 b-Solve word problems leading to inequalities of the form $px + q > r$ or $px + q < r$, where p, q, and r are specific rational numbers. Graph the solution set of the inequality and interpret it in the context of the problem.
7.G.B.5-Use facts about supplementary, complementary, vertical, and adjacent angles in a multi-step problem to write and solve simple equations for an unknown angle in a figure.

8.EE.B.5: Graph proportional relationships, interpreting the unit rate as the slope of the graph. Compare two different proportional relationships represented in different ways.
8.EE.C.7: Solve linear equations in one variable.
8.F.A.1: Understand that a function is a rule that assigns to each input exactly one output.
8.EE.B.6 - Write the equation of a line in y=mx+b form.
8.G.A.2: Understand how to use a series of transformations (translations, reflections and rotations) to get from one congruent figure to another.
8.EE.A.1 - Evaluate integer exponents.

Math 8

8.EE.B.5: Graph proportional relationships, interpreting the unit rate as the slope of the graph. Compare two different proportional relationships represented in different ways.
8.EE.C.7: Solve linear equations in one variable.
8.F.A.1: Understand that a function is a rule that assigns to each input exactly one output.
8.EE.B.6 - Write the equation of a line in y=mx+b form.
8.G.A.2: Understand how to use a series of transformations (translations, reflections and rotations) to get from one congruent figure to another.
8.EE.A.1 - Evaluate integer exponents.