6.EE.2a – Expressions and Equations

*Essential Learning: Write Expression, Equations & Inequalities*

Level 4: I can go beyond what is expected.
Level 3: I can write expressions and equations using variables and the appropriate operations.
Level 2: I can match the expression, equation, or inequality with the appropriate number sentence. I know appropriate terminology.
Level 1: I can do this with help.

6.EE.2b – Expressions and Equations

*Essential Learning: Identify Parts of Expressions & Equations*

Level 4: I can go above and beyond what is expected.
Level 3: I can label the parts of an expression using mathematical terms.
Level 2: I can recognize the parts of an expression using mathematical terms.
Level 1: I can do this with help.

6.EE.2c – Expressions and Equations

*Essential Learning: Evaluate Expressions & Equations Using PEMDAS*

Level 4: I can go above and beyond what is expected.
Level 3: I can solve complex equations using order of operations (PEMDAS) and can substitute values into given formulas.
Level 2: I can match necessary vocabulary with correct definition. I can solve simple equations using order of operations (PEMDAS) and can substitute values into given formulas.
Level 1: I can do this with help.
6.EE.5 – Expressions and Equations

Essential Learning: Solve Expressions, Equations and Inequalities & Determine Validity

Level 4: I can go above and beyond what is expected.

Level 3: I can solve for the unknown in an expression, equation, or inequality and determine if it is the correct answer by substitution.

Level 2: I can substitute a given number into an expression, equation, or inequality and determine if it makes the statement true. I know appropriate terminology.

Level 1: I can do this with help.

6.G.1 – Geometry

Essential Learning: Area

Level 4: I can go above and beyond what is expected.

Level 3: I can find the area for complex polygons by combining them and breaking them apart into their basic shapes. I can apply this to real-world problems.

Level 2: I can find the area for basic shapes. I can find the area of combined shapes. I know appropriate terminology.

Level 1: I can do this with help.

6.G.2 – Geometry

Essential Learning: Volume

Level 4: I can go above and beyond what is expected.

Level 3: I can find the volume of a right rectangular prism with a fractional edge length and prove my answer using a model. I can use the volume formula in real-world problems.

Level 2: I can find the volume of prism given the formula and dimensions. I know appropriate terminology.

Level 1: I can do this with help.
6.NS.1 – The Number System
Essential Learning: Dividing Fractions & Mixed Numbers

Level 4: I can go above and beyond what is expected.
Level 3: I can interpret, compute and solve problems involving dividing fractions, whole and mixed numbers using equations and models.
Level 2: I can recognize terminology and can divide basic fractions.
Level 1: I can do this with help.

6.NS.3 part 1 – The Number System
Essential Learning: Add and Subtract Decimals

Level 4: I can go above and beyond what is expected.
Level 3: I can add and subtract multi-digit decimals using the standard algorithm and can solve problems. I can explain why the algorithm works.
Level 2: I can add and subtract single-digit decimals using the standard algorithm and can solve problems. I know appropriate terminology.
Level 1: I can do this with help.

6.NS.3 part 2 – The Number System
Essential Learning: Multiply and Divide Decimals

Level 4: I can go above and beyond what is expected.
Level 3: I can multiply and divide multi-digit decimals using the standard algorithm and can solve problems. I can explain why the algorithm works.
Level 2: I can multiply and divide single-digit decimals using the standard algorithm and can solve problems. I know appropriate terminology.
Level 1: I can do this with help.
6.NS.5 – The Number System
Essential Learning: Defining Rational Numbers

Level 4: I can go above and beyond what is expected.

Level 3: I can understand the concept of positive and negative numbers and can explain the meaning of zero and of absolute value.

Level 2: I can plot positive and negative numbers on a teacher provided number line. I can recognize the absolute value of a number. I know appropriate terminology.

Level 1: I can do this with help.

6.NS.6 – The Number System
Essential Learning: Plotting Rational Numbers

Level 4: I can go above and beyond what is expected.

Level 3: I understand and can plot a rational number as a point on a number line or coordinate plane.

Level 2: I recognize the X and Y axis and all four quadrants and I can find ordered pairs from a teacher provided coordinate plane. I know appropriate terminology.

Level 1: I can do this with help.

6.RP.3a – Ratios and Proportional Relationships
Essential Learning: Compare Ratios and Graph on a Coordinate Plane

Level 4: I can go above and beyond what is expected.

Level 3: I can create a table of equivalent ratios and use the table to compare ratios and plot values on a coordinate plane.

Level 2: I can recognize equivalent ratios and interpret a teacher completed table by comparing given points using the appropriate terminology.

Level 1: I can do this with help.
6.RP.3c – Ratios and Proportional Relationships

Essential Learning: Using Percents

Level 4: I can go above and beyond what is expected.
Level 3: I can find a percent of a quantity as a rate per 100 and can apply them in appropriate situations.
Level 2: I can match basic fractions to the corresponding percent and can solve problems finding the whole. I know appropriate terminology.
Level 1: I can do this with help.

6.SP.4 – Statistics and Probability

Essential Learning: Display Data

Level 4: I can go above and beyond what is expected.
Level 3: Given a set of data, I can appropriately choose and create a graphic display in plots on a number line, including dot plots, histograms, and box and whisker plots.
Level 2: Given a set of data and a partially completed graph or chart, I can plot the points and label the parts. I know appropriate terminology.
Level 1: I can do this with help.

6.SP.5c – Statistics and Probability

Essential Learning: Analyze Data

Level 4: I can go above and beyond what is expected
Level 3: I can find the mean, median, mode, range and standard deviation. I can explain what each one suggests about the data.
Level 2: I can find the mean, median, mode, range and standard deviation. I know appropriate terminology.
Level 1: I can do this with help.