

6th Grade Math Progression of Standards

| | “I can” Standard | Standard | BI Chapter | IABs | | |
|---|---|-----------|------------|---|---|--------------------------------------|
| Semester 1 | I can fluently divide multi-digit numbers | NS2 | 1 | 6th Grade Number System IAB due by October 31, 2019 | | |
| | I can write and evaluate numerical expressions using whole numbers | EE1 | | | | |
| | I can find the greatest common factor and least common multiple of two whole numbers | NS4 | | | | |
| | I can interpret and compute quotients of fractions and apply them to real-world situations | NS1 | 2 | | | |
| | I can add, subtract, multiply and divide multi-digit decimals using the standard algorithm | NS3 | | | | |
| | I can use positive and negative numbers to represent quantities in real-world situations | NS5 | 6 | | | |
| | I can place rational numbers on a number line | NS6 | | | | |
| | I can find the absolute value and order rational numbers | NS7 | | | | |
| | I can solve real-world and mathematical problems by graphing coordinates in all four quadrants | NS8 | | | | |
| | I can use ratio language to describe a ratio relationship between two quantities, and I understand the concept of a ratio | RP1 | 5 | | 6th Grade RP IAB due by December 20, 2019 | |
| | I understand the concept of a unit rate associated with a ratio | RP2 | | | | |
| | I can use ratio and rate reasoning to solve real world problems including percents and converting measures | RP3 | | | | |
| Semester 2 | I can write, read, and evaluate expressions with variables | EE2 | 3 | 6th Grade Expressions and Equations IAB due by March 27, 2020 | | |
| | I can apply the properties of operations, including the distributive property, to generate equivalent expressions | EE3 | | | | |
| | I can apply the distributive property to factor expressions and create equivalent expressions. | NS4 | | | | |
| | I can identify when two expressions are equivalent | EE4 | | | | |
| | I can use variables to represent numbers and write expressions when solving a real world or mathematical problem | EE6 | | | | |
| | I can use variables to represent numbers and write expressions when solving a real world or mathematical problem | EE6 | 7 | | | |
| | I can follow a procedure in order to solve an equation or inequality | EE5 | | | | |
| | I can write and solve equations with rational numbers | EE7 | | | | |
| | I can write an inequality and represent solutions on a number line | EE8 | | | | |
| | I can use variables to represent two quantities that change in relation to one another | EE9 | | | | |
| | I can find the area of triangles, quadrilaterals, and polygons | G1 | 4 | | 6th Grade Geo. IAB due by CAAASPP (can be non-standardized) | |
| | I can draw polygons in the coordinate plane and apply these techniques in the context of problem solving | G3 | | | | |
| | I can use nets to find the surface area of three dimensional figures | G4 | 8 | | | |
| | I can find the volume of rectangular prisms | G2 | | | | |
| | I can recognize a statistical question | SP1 | 9 | | | 6th Grade Statistics IAB is optional |
| | I can describe shapes of distributions, measures of center, and spread of a data set | SP2 | | | | |
| | I can describe and differentiate between measures of center and measures of deviation | SP3 | | | | |
| I can display numerical data in a variety of ways | SP4 | 10 | | | | |
| I can summarize numerical data sets | SP5 | | | | | |