What is my child learning in each 9 weeks of 6th Grade Math?

Quarter 1	**Quarter 2**
-Put fractions and decimals on a number line. **6.NS.3** -Compare fraction and decimals. **6.NS.3** -Understand positive and negative numbers in situations such as: temperature, sea level, credit/debt, and positive and negative electric charge. **6.NS.1** -Find the distance zero is from positive and negative numbers (absolute value) **6.NS.4** -Change between fractions, decimals, and percents. **6.NS.5** -Graph ordered pairs/coordinates on a coordinate grid (graph) **6.AF.7**	-Add, subtract, multiply and divide with decimals and fractions. **6.C.2** -Solve real-world problems that involve addition, subtraction, multiplication, and division of fractions and decimals. **6.C.3** -Apply the correct order to problems that involve parentheses, exponents, multiplication, division, addition, and subtraction. **6.C.6** (order of operations) -Solve one-step equations (addition, subtraction, multiplication, and division) and be able to use them in real-world situations. **6.AF.5**
Quarter 3	**Quarter 4**
-Use and interpret ratios (comparing two quantities) **6.NS.8** -Find unit rates (ex. Miles per hour, dollars per hour, etc.) **6.NS.9** -Simplify expressions using mathematical properties 2(3x +4)-10 = 6x -2 **6.AF.2** -Use proportional relationships in real-world problems. **6.AF.10**	-Understand that the inside of a triangles adds up to 180 degrees and quadrilateral (4 sided) adds up to 360 degrees. Use this information to solve problems with a missing angles measure. **6.GM.2** -Find area of shapes made up of multiple figures. Apply this to real-world problems**. 6.GM.4** -Find the volume of rectangular prisms using the formula V=lwh. **6.GM.5**