

Grade 6 Math Quarter 2 Overview (November 13- January 22)

**Text: Middle School Math Course 1
Highlights**

Week of:	Highlights	Standards	Book Sections
Nov. 12	Computing with Decimals <ul style="list-style-type: none"> • addition/subtraction • multiplication Powers of ten (positive integer exponents)	6.N.13 6.N.1	3.6 4.1-4.3
Nov. 19 (Thanksgiving recess)	Computing with Decimals <ul style="list-style-type: none"> • division Powers of ten	6.N.13 6.N.1	4.4-4.6
Nov. 26	Understanding percent Compare and order percents, decimals and fractions Finding the percent of a whole number: sale price, tax, tip, etc.	6.N.7 6.N.5 6.N.9	8.5 8.6 8.7
Dec. 3	Units of Measure: Metric mass and capacity Comparing and Ordering: Batting Avg., Free Throws, Unit Rates and Grocery Store <ul style="list-style-type: none"> • Fractions and Mixed Numbers • Decimals • Percents Fraction Operations <ul style="list-style-type: none"> • Add/Subtract Fractions 	6.N.7 6.N.7 6.N.14	4.7 8.2, 8.3 6.2, 6.3
Dec. 10	Fraction Operations <ul style="list-style-type: none"> • Add/Subtract Mixed Numbers • Multiply Fractions 	6.N.14	6.4, 6.5 7.1- 7.2
Dec. 17	Fraction Operations <ul style="list-style-type: none"> • Multiply mixed numbers • Divide Fractions & Mixed Numbers • reciprocal 	6.N.14	7.3 7.4, 7.5
Jan. 2	Problem solving strategies Select appropriate operations to solve word problems Proportional relationships	6.N.9 6.M.3	supplement 8.4

Project: A Comparison Study

Jan. 7
Jan. 15

Students conduct a comparison study of the Boeing 747 passenger jet and the F-15 fighter jet. With an understanding of the structural and behavioral differences between these jets, students will make observations of how the form of these jets influences their function. Students will create a scale drawing of each jet and explain some of the design features that are required in order to make the planes behave as they do in flight.