Common Core State Standards for Mathematics   Eastside Union School District
GRADE 6 Overview   **revised**

	Quarter 1	**Quarter 2**	**Quarter 3**	**Quarter 4**
Big IDEA	**Understand ratio concepts and use ration reasoning to solve problems** **Understand division of fractions and the system of rational numbers**	**Understand ratio concepts and use ration reasoning to solve problems** **Understand division of fractions and the system of rational numbers** Solve problems with area, surface area, and volume	**Write, interpret, and use expressions and equations** Develop understanding of statistical thinking	Solve problems with area, surface area, and volume
Standards **(Major Standards are in BOLD)**	**6.RP.1** **6.RP.2** **6.RP.3a,b** **6.EE.9** **6.NS.1** 6.NS.2 6.NS.3 6.NS.4	**6.RP.1**　　　**6.EE.2.c** **6.RP.2**　　　**6.EE.3** **6.RP.3a, b, c, d**　**6.EE.6** **6.NS.5**　　　**6.EE.7** **6.NS.6**　　　**6.EE.9** **6.NS.7**　　　6.G.1 **6.NS.8**　　　6.G.3	**6.EE.1, 2a, b, c** **6.EE.3, 4, 5, 6, 7, 8 ,9** 6.NS.4 6.SP.1, 2, 3, 4, 5	6.G.1 6.G.2 6.G.4
Instructional Materials	UNIT 1: Ratios & Rate Relationships(4 weeks) *Replace initial book lessons, especially factor puzzles, with concept building lessons found in Module 1: Lessons 1-8 in Engage New York. UNIT 3: Fraction & Decimal Applications (4 weeks)	UNIT 7: Ratios & Rate Relationships with fractions, decimals, percents (4 weeks) UNIT 9: Integer Concept & Applications (3 weeks) UNIT 2: Geometry Applications: Area (2 weeks)*If needed move to Q3	UNIT 5: Expression & Equation Concepts and Applications (5 weeks) UNIT 8: Statistics & Probability Concepts/Applications (3 weeks)	UNIT 4: Geometry Applications: Surface Area (2 weeks) UNIT 6: Geometry Applications: Volume & Surface Area (1 week)
Instructional Supplements	Engage NY Modules 1, 2 Illustrative Mathematics Lessons/Practice	Engage NY Modules 1, 3, 5 Illustrative Mathematics Lessons/Practice	Engage NY Modules 4, 6 Illustrative Mathematics Lessons/Practice	Engage NY Module 5 Illustrative Mathematics Lessons/Practice
Additional Instructional Resources	Khan Academy Engage NY Modules- https://www.khanacademy.org/math/6th-engage-ny Khan Academy Illustrative Math- https://www.khanacademy.org/math/6th-grade-illustrative-math Open Up Student resource- https://im.openupresources.org/6/students/ Desmos has a number of 6th grade activities https://teacher.desmos.com/ Math Tools: Graph Paper, Base 10 Graph Paper, Algebra Tiles, Cuisenaire Rods, Tape Diagrams, Double Number Lines, Pattern Blocks, Centimeter Cubes			
Number Talk Focus	Foundations and Subitizing	Addition	Addition and Subtraction	Addition and Subtraction
Common Assessment (currently in use)	SBAC Book-Pages match the standards from above IABs	SBAC Book-Pages match the standards from above IABs	SBAC Book-Pages match the standards from above IABs	SBAC Book-Pages match the standards from above IABs