

6TH GRADE CURRICULUM MATH OVERVIEW

Unit of Study	Description	TEKS	Student Files
EUS 1: Integers	Students will understand what integers are and be able to identify, compare, and locate integers on a number line. Additionally, students will perform operations with integers and be able to graph in all four quadrants.	Content: 6.2 A, B, C 6.3 C, D 6.11 A Process: All	Overview & Capacity Matrix Student Resource Matrix Problem Set CK-12 Flexbook
EUS 2: Multiplication & Division of Positive Rational Numbers	Students will represent and use multiplication and division of fractions and decimals to solve problems and justify solutions.	Content: 6.2 A, E 6.3 A, B, E Process: All	Overview & Capacity Matrix Student Resource Matrix Problem Set CK-12 Flexbook
EUS 3: Rational Number Conversions	Students will represent, generate, and use equivalent rational numbers in a variety of forms, such as whole numbers, fractions, decimals, and percents.	Content: 6.2 C, D , E 6.4 E, F, G 6.5 C 6.11 A Process: All	Overview & Capacity Matrix Student Resource Matrix Problem Set CK-12 Flexbook
EUS 4: Proportionality: Relationships in Problem Situations	Students will develop an understanding of proportional relationships through the exploration of multiplicative and additive relationships, and solve problems using ratios, rate, percents in mathematical and real-world problems.	Content: 6.4 A, B , C, D, H 6.5 A, B , C Process: All	Overview & Capacity Matrix Student Resource Matrix Problem Set CK-12 Flexbook
EUS 5: Statistics & Graphical Representations	Students will explore, interpret, and summarize both numeric and categorical data set using numeric summaries and graphical representations (dot plots, stem-and-leaf plots, histograms, and box plots), paying particular attention to their center, shape and spreads of a data set.	Content: 6.12 A, B, C , D 6.13 A , B Process: All	Overview & Capacity Matrix Student Resource Matrix Problem Set CK-12 Flexbook
EUS 6: Algebraic Relationships	Students will develop the concepts of expressions and equations through the use of properties, models, and various representations to describe algebraic relationships.	Content: 6.4 A 6.7 A , B, C, D Process: All	Overview & Capacity Matrix Student Resource Matrix Problem Set CK-12 Flexbook
EUS 7: One-Step Equations & Inequalities	Students will use equations and inequalities to solve problems and represent situations, including geometric concepts.	Content: 6.2 E 6.6 A, B, C 6.9 A, B, C 6.10 A , B Process: All	Overview & Capacity Matrix Student Resource Matrix Problem Set CK-12 Flexbook
EUS 8: Constructing Geometric Formulas	Students will extend their understanding of triangle relationships, model, develop, and utilize area formulas or individual and composite figures. Students will also explore the volume of rectangular prisms.	Content: 6.8 A, B, C, D 6.10 A Process: All	Overview & Capacity Matrix Student Resource Matrix Problem Set CK-12 Flexbook
EUS 9: Personal Financial Literacy: Banking & Credit	Students will develop an economic way of thinking and problem solving skills to understand real-life experiences involving banking and credit, as well as begin planning for the future, exploring careers, education, and methods to pay for college.	Content: 6.14 A, B, C, D, E, F, G, H Process: All	Overview & Capacity Matrix Student Resource Matrix Problem Set CK-12 Flexbook
After STAAR Topics	Recommended topics for after STAAR: <ul style="list-style-type: none">➤ Fractions (add/sub)➤ Decimals (add/sub)➤ Integers (all operations)		No materials will be posted on the student site for after-STAAR topics. Teachers will need to post the resources they utilize on their own websites.