

STAAR Alternate 2 Spring 2023 Grade 6 Mathematics Essence Statements

STAAR Reporting Category 1	STAAR Reporting Category 2	STAAR Reporting Category 3	STAAR Reporting Category 4
<p>Numerical Representations and Relationships: The student will demonstrate an understanding of how to represent and manipulate numbers and expressions.</p>	<p>Computations and Algebraic Relationships: The student will demonstrate an understanding of how to perform operations and represent algebraic relationships.</p>	<p>Geometry and Measurement: The student will demonstrate an understanding of how to represent and apply geometry and measurement concepts.</p>	<p>Data Analysis and Personal Financial Literacy: The student will demonstrate an understanding of how to represent and analyze data and how to describe and apply personal financial concepts.</p>
<p>Knowledge and Skills Statement (6.2) Number and operations. The student applies mathematical process standards to represent and use rational numbers in a variety of forms. (Readiness and Supporting Standard) Essence Statement Recognizes relationships in and between sets of numbers.</p> <p>Knowledge and Skills Statement (6.4) Proportionality. The student applies mathematical process standards to develop an understanding of proportional relationships in problem situations. (Readiness and Supporting Standard) Essence Statement Identifies proportional relationships in a variety of forms.</p> <p>Knowledge and Skills Statement (6.5) Proportionality. The student applies mathematical process standards to solve problems involving proportional relationships. (Supporting Standard) Essence Statement Recognizes equal parts of a whole using equivalent fractions.</p>	<p>Knowledge and Skills Statement (6.4) Proportionality. The student applies mathematical process standards to develop an understanding of proportional relationships in problem situations. (Readiness and Supporting Standard) Essence Statement Use proportional relationships to solve problems.</p> <p>Knowledge and Skills Statement (6.5) Proportionality. The student applies mathematical process standards to solve problems involving proportional relationships. (Readiness and Supporting Standard) Essence Statement Solves problems involving ratios or rates.</p> <p>Knowledge and Skills Statement (6.6) Expressions, equations, and relationships. The student applies mathematical process standards to use multiple representations to describe algebraic relationships. (Readiness and Supporting Standard) Essence Statement Identifies linear relationships in a variety of forms.</p>	<p>Knowledge and Skills Statement (6.4) Proportionality. The student applies mathematical process standards to develop an understanding of proportional relationships in problem situations. (Readiness Standard) Essence Statement Uses conversions within a measurement system to solve problems.</p> <p>Knowledge and Skills Statement (6.8) Expressions, equations, and relationships. The student applies mathematical process standards to use geometry to represent relationships and solve problems. (Readiness and Supporting Standard) Essence Statement Models or uses geometric relationships to solve problems.</p>	<p>Knowledge and Skills Statement (6.12) Measurement and data. The student applies mathematical process standards to use numerical or graphical representations to analyze problems. (Readiness and Supporting Standard) Essence Statement Displays data or determines characteristics of data.</p> <p>Knowledge and Skills Statement (6.13) Measurement and data. The student applies mathematical process standards to use numerical or graphical representations to solve problems. (Readiness and Supporting Standard) Essence Statement Interprets graphical representations of data.</p>

Knowledge and Skills Statement

(6.9) Expressions, equations, and relationships. The student applies mathematical process standards to use equations and inequalities to represent situations. (Supporting Standard)

Essence Statement

Uses equations or inequalities to model real-life situations.