STAAR Alternate 2 Spring 2027
Grade 3 Mathematics Essence Statements

STAAR Reporting Category 1	STAAR Reporting Category 2	STAAR Reporting Category 3	STAAR Reporting Category 4
Numerical Representations and Relationships: The student will demonstrate an understanding of how to represent and manipulate numbers and expressions.	**Computations and Algebraic Relationships:** The student will demonstrate an understanding of how to perform operations and represent algebraic relationships.	**Geometry and Measurement:** The student will demonstrate an understanding of how to represent and apply geometry and measurement concepts.	**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.
Knowledge and Skills Statement **(3.2) Number and operations.** The student applies mathematical process standards to represent and compare whole numbers and understand relationships related to place value. (Readiness and Supporting Standard) **Essence Statement** Uses whole number relationships to demonstrate an understanding of place value. **Knowledge and Skills Statement** **(3.3) Number and operations.** The student applies mathematical process standards to represent and explain fractional units. (Readiness and Supporting Standard) **Essence Statement** Models and finds relationships among fractional units. **Knowledge and Skills Statement** **(3.4) Number and operations.** The student applies mathematical process standards to develop and use strategies and methods for whole number computations in order to solve problems with efficiency and accuracy. (Supporting Standard) **Essence Statement** Identifies even or odd numbers.	**Knowledge and Skills Statement** **(3.4) Number and operations.** The student applies mathematical process standards to develop and use strategies and methods for whole number computations in order to solve problems with efficiency and accuracy. (Readiness and Supporting Standard) **Essence Statement** Solves problems using operations involving whole numbers. **Knowledge and Skills Statement** **(3.5) Algebraic reasoning.** The student applies mathematical process standards to analyze and create patterns and relationships. (Readiness and Supporting Standard) **Essence Statement** Models or solves problems involving whole number relationships.	**Knowledge and Skills Statement** **(3.6) Geometry and measurement.** The student applies mathematical process standards to analyze attributes of two-dimensional geometric figures to develop generalizations about their properties. (Readiness and Supporting Standard) **Essence Statement** Identifies geometric figures using attributes. **Knowledge and Skills Statement** **(3.7) Geometry and measurement.** The student applies mathematical process standards to select appropriate units, strategies, and tools to solve problems involving customary and metric measurement. (Readiness and Supporting Standard) **Essence Statement** Solves problems involving perimeter, time, liquid volume (capacity), or weight.	**Knowledge and Skills Statement** **(3.4) Number and operations.** The student applies mathematical process standards to develop and use strategies and methods for whole number computations in order to solve problems with efficiency and accuracy. (Supporting Standard) **Essence Statement** Solves problems involving collections of coins and bills. **Knowledge and Skills Statement** **(3.8) Data analysis.** The student applies mathematical process standards to solve problems by collecting, organizing, displaying, and interpreting data. (Readiness and Supporting Standard) **Essence Statement** Uses graphs to organize and interpret data. **Knowledge and Skills Statement** **(3.9) Personal financial literacy.** The student applies mathematical process standards to manage one's financial resources effectively for lifetime financial security. (Supporting Standard) **Essence Statement** Recognizes how money can be earned, spent, and saved.