

STAAR Alternate 2 Spring 2025

Grade 5 Mathematics Essence Statements

STAAR Reporting Category 1	STAAR Reporting Category 2	STAAR Reporting Category 3	STAAR Reporting Category 4
<p>5IB-F:8A 7<EF<G<CH8@DCG 8C; 7<A8@DCG?@EG- The student will demonstrate an understanding of how to represent and manipulate numbers and expressions.</p>	<p>/DBEIH8@DCG 8C; .A><9F8@: 7<A8@DCG?@EG- The student will demonstrate an understanding of how to perform operations and represent algebraic relationships.</p>	<p>2<DB<HFJ 8C; 4<8GIF<B<CH- The student will demonstrate an understanding of how to represent and apply geometry and measurement concepts.</p>	<p>08H8 .C8AJG@G 8C; 6<FGDC8A 1@C8C:@8A 3@H<F8:J- The student will demonstrate an understanding of how to represent and analyze data and how to describe and apply personal financial concepts.</p>

Knowledge and Skills Statement
!)&" 5IB9<F 8C; DE<F8@DCG# The student applies mathematical process standards to represent, compare, and order positive rational numbers and understand relationships as related to place value. (Readiness and Supporting Standard)
 Essence Statement
 Uses numbers to demonstrate an understanding of place value.

Knowledge and Skills Statement
!)&" .A><9F8@: F<8GDC@C# The student applies mathematical process standards to develop concepts of expressions and equations. (Readiness and Supporting Standard)
 Essence Statement
 Simplifies numeric expressions.

Knowledge and Skills Statement
!)#'" 5IB9<F 8C; DE<F8@DCG# The student applies mathematical process standards to develop and use

whole number relationships or patterns.

Knowledge and Skills Statement
!)&" .A><9F8@: F<8GDC@C# The student applies mathematical process standards to develop concepts of expressions and equations. (Readiness Standard)
 Essence Statement
 Solves problems involving perimeter, area, or volume.

Knowledge and Skills Statement
!)#*" 2<DB<HFJ 8C; B<8GIF<B<CH# The student applies mathematical process standards to understand, recognize, and quantify volume. (Supporting Standard)
 Essence Statement
 Determines volume of rectangular prisms.

Knowledge and Skills Statement
!)#+" 2<DB<HFJ 8C; B<8GIF<B<CH# The student applies mathematical process standards to identify locations on a coordinate plane. (Readiness and Supporting Standard)
 Essence Statement
 Locates points on a coordinate plane.

Knowledge and Skills Statement
!)#," 08H8 .C8AJG@G# 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
!)#%\$" 6<FGDC8A =@C8C:@8A A@H<F8:J# The student applies mathematical