

FOSS Texas Ed. Grade 5 TEKS Correlation Mathematics

§111.7. Grade 5, Adopted 2012

SE=Student Expectations

Mathematical Process Standards TEKS

5.1 The student uses mathematical processes to acquire and demonstrate mathematical understanding.						
TEKS SE	Mixtures, Force, and Energy Investigation + part (Active Investigation)	Mixtures, Force, and Energy Investigation Other Components	Earth, Cycles, and Change Investigation + part (Active Investigation)	Earth, Cycles, and Change Investigation Other Components	Models and Living Systems Investigation + part (Active Investigation)	Models and Living Systems Investigation Other Components
5.1A	Investigation 1.1 Investigation 1.2 Investigation 1.3 Investigation 1.4 Investigation 2.1 Investigation 2.2 Investigation 2.3 Investigation 3.1 Investigation 3.2 Investigation 3.3 Investigation 4.1 Investigation 4.2 Investigation 4.3 Investigation 5.1 Investigation 5.2 Investigation 5.3	Inv. 1, Math Ext. Inv. 2, Math Ext. Inv. 3, Math Ext. Inv. 4, Math Ext. Inv. 5, Math Ext. Inv. 6, Math Ext.	Investigation 1.2 Investigation 1.3 Investigation 2.3 Investigation 3.1 Investigation 3.2	Inv. 1, Math Ext Inv. 2, Math Ext. Inv. 3, Math Ext. Inv. 4, Math Ext.	Investigation 2.1 Investigation 3.3 Investigation 4.1	Inv. 1, Math Ext. Inv. 2, Math Ext. Inv. 3, Math Ext. Inv. 4, Math Ext. Inv. 5, Math Ext.

	Investigation 6.1 Investigation 6.2 Investigation 6.3					
5.1B		Inv. 1, Math Ext. Inv. 2, Math Ext. Inv. 4, Math Ext. Inv. 6, Math Ext.	Investigation 2.2 Investigation 3.2	Inv. 1, Math Ext. Inv. 2, Math Ext. Inv. 3, Math Ext. Inv. 4, Math Ext.		Inv. 1, Math Ext. Inv. 2, Math Ext. Inv. 4, Math Ext. Inv. 5, Math Ext.
5.1C	Investigation 1.1 Investigation 1.2 Investigation 1.3 Investigation 1.4 Investigation 2.1 Investigation 2.2 Investigation 2.3 Investigation 3.1 Investigation 3.2 Investigation 3.3 Investigation 4.1 Investigation 4.2 Investigation 4.3 Investigation 5.1 Investigation 5.2 Investigation 5.3 Investigation 6.1 Investigation 6.2 Investigation 6.3		Investigation 1.1 Investigation 1.2 Investigation 1.3 Investigation 2.1 Investigation 2.2 Investigation 2.3 Investigation 2.4 Investigation 3.1 Investigation 3.2 Investigation 3.3 Investigation 3.4 Investigation 4.1 Investigation 4.2 Investigation 4.3 Investigation 4.4	Inv. 1, Math Ext.	Investigation 1.1 Investigation 1.2 Investigation 1.3 Investigation 2.1 Investigation 2.2 Investigation 2.3 Investigation 2.4 Investigation 3.1 Investigation 3.2 Investigation 3.3 Investigation 3.4 Investigation 4.1 Investigation 4.2 Investigation 4.3 Investigation 4.4 Investigation 4.5 Investigation 5.1 Investigation 5.2	
5.1D	Investigation 2.1 Investigation 2.2 Investigation 2.3	Inv. 2, Math Ext.		Inv. 1, Math Ext. Inv. 2, Math Ext. Inv. 3, Math Ext. Inv. 4, Math Ext.		Inv. 1, Math Ext. Inv. 2, Math Ext.
5.1E	Investigation 1.1 Investigation 1.2 Investigation 2.2 Investigation 2.4 Investigation 3.2 Investigation 3.3 Investigation 5.2 Investigation 5.3	Inv. 1, Math Ext. Inv. 2, Math Ext. Inv. 3, Math Ext.	Investigation 2.3 Investigation 3.2 Investigation 3.3	Inv. 1, Math Ext. Inv. 2, Math Ext. Inv. 3, Math Ext.	Investigation 2.1 Investigation 3.3 Investigation 4.1 Investigation 4.2	Inv. 2, Math Ext. Inv. 4, Math Ext. Inv. 5, Math Ext.

	Investigation 6.2 Investigation 6.3					
5.1F	Investigation 5.2 Investigation 5.3 Investigation 6.2 Investigation 6.3	Inv. 1, Math Ext. Inv. 2, Math Ext. Inv. 4, Math Ext. Inv. 6, Math Ext.	Investigation 3.3	Inv. 3, Math Ext.		Inv. 4, Math Ext.
5.1G	Investigation 1.1 Investigation 1.2 Investigation 2.2 Investigation 2.4 Investigation 3.2 Investigation 3.3 Investigation 5.2 Investigation 5.3 Investigation 6.2 Investigation 6.3	Inv. 1, Math Ext. Inv. 2, Math Ext. Inv. 3, Math Ext.	Investigation 2.3 Investigation 3.2 Investigation 3.3	Inv. 1, Math Ext. Inv. 2, Math Ext. Inv. 3, Math Ext.	Investigation 2.1 Investigation 3.3 Investigation 4.1 Investigation 4.2	Inv. 2, Math Ext. Inv. 4, Math Ext.

Number and Operations TEKS

5.2	The student applies mathematical process standards to represent, compare, and order positive rational numbers and understand relationships as related to place value.					
TEKS SE	Mixtures, Force, and Energy Investigation + part (Active Investigation)	Mixtures, Force, and Energy Investigation Other Components	Earth, Cycles, and Change Investigation + part (Active Investigation)	Earth, Cycles, and Change Investigation Other Components	Models and Living Systems Investigation + part (Active Investigation)	Models and Living Systems Investigation Other Components
5.2A						
5.2B						
5.2C						
5.3	The student applies mathematical process standards to develop and use strategies and methods for positive rational number computations in order to solve problems with efficiency and accuracy.					
TEKS SE	Mixtures, Force, and Energy Investigation + part (Active Investigation)	Mixtures, Force, and Energy Investigation Other Components	Earth, Cycles, and Change Investigation + part (Active Investigation)	Earth, Cycles, and Change Investigation Other Components	Models and Living Systems Investigation + part (Active Investigation)	Models and Living Systems Investigation Other Components

5.3A	Investigation 1.2 Investigation 2.2 Investigation 2.4 Investigation 3.1 Investigation 3.2 Investigation 3.3 Investigation 5.3 Investigation 6.2 Investigation 6.3	Inv. 2, Math Ext. Inv. 3, Math Ext. Inv. 6, Math Ext.		Inv. 2, Math Ext.		
5.3B						
5.3C						
5.3D						
5.3E						
5.3F						
5.3G						
5.3H						
5.3I						
5.3J		Inv. 2, Math Ext.				
5.3K						
5.3L						

Algebraic Reasoning TEKS

5.4 The student applies mathematical process standards to develop concepts of expressions and equations.						
TEKS SE	Mixtures, Force, and Energy Investigation + part (Active Investigation)	Mixtures, Force, and Energy Investigation Other Components	Earth, Cycles, and Change Investigation + part (Active Investigation)	Earth, Cycles, and Change Investigation Other Components	Models and Living Systems Investigation + part (Active Investigation)	Models and Living Systems Investigation Other Components
5.4A						
5.4B	Investigation 1.2 Investigation 2.2	Inv. 2, Math Ext.		Inv. 3, Math Ext.	Investigation 3.3	Inv. 1, Math Ext. Inv. 2, Math Ext. Inv. 3, Math Ext. Inv. 4, Math Ext. Inv. 5, Math Ext.
5.4C						
5.4D						

5.4E						
5.4F						
5.4G						
5.4H						

Geometry and Measurement TEKS

5.5	The student applies mathematical process standards to classify two-dimensional figures by attributes and properties. The student is expected to classify two-dimensional figures in a hierarchy of sets and subsets using graphic organizers based on their attributes and properties.					
TEKS SE	Mixtures, Force, and Energy Investigation + part (Active Investigation)	Mixtures, Force, and Energy Investigation Other Components	Earth, Cycles, and Change Investigation + part (Active Investigation)	Earth, Cycles, and Change Investigation Other Components	Models and Living Systems Investigation + part (Active Investigation)	Models and Living Systems Investigation Other Components
5.5						
5.6	The student applies mathematical process standards to understand, recognize, and quantify volume.					
TEKS SE	Mixtures, Force, and Energy Investigation + part (Active Investigation)	Mixtures, Force, and Energy Investigation Other Components	Earth, Cycles, and Change Investigation + part (Active Investigation)	Earth, Cycles, and Change Investigation Other Components	Models and Living Systems Investigation + part (Active Investigation)	Models and Living Systems Investigation Other Components
5.6A						
5.6B						
5.7	The student applies mathematical process standards to select appropriate units, strategies, and tools to solve problems involving measurement. The student is expected to solve problems by calculating conversions within a measurement system, customary or metric.					
TEKS SE	Mixtures, Force, and Energy Investigation + part (Active Investigation)	Mixtures, Force, and Energy Investigation Other Components	Earth, Cycles, and Change Investigation + part (Active Investigation)	Earth, Cycles, and Change Investigation Other Components	Models and Living Systems Investigation + part (Active Investigation)	Models and Living Systems Investigation Other Components
5.7	Investigation 1.2	Inv. 5, Math Ext.		Inv. 3, Math Ext.		
5.8	The student applies mathematical process standards to identify locations on a coordinate plane.					
TEKS SE	Mixtures, Force, and Energy Investigation + part	Mixtures, Force, and Energy Investigation Other	Earth, Cycles, and Change Investigation + part (Active Investigation)	Earth, Cycles, and Change Investigation Other Components	Models and Living Systems Investigation + part	Models and Living Systems Investigation Other

	(Active Investigation)	Components			(Active Investigation)	Components
5.8A						Inv. 3, Reading
5.8B	Investigation 5.2 Investigation 5.3 Investigation 6.2 Investigation 6.3	Inv. 6, Math Ext.		Inv. 1, Math Ext Inv. 2, Math Ext.		
5.8C	Investigation 5.2 Investigation 5.3 Investigation 6.2 Investigation 6.3	Inv. 6 Math Ext.		Inv. 1, Math Ext. Inv. 2, Math Ext.		

Data Analysis TEKS

5.9	The student applies mathematical process standards to solve problems by collecting, organizing, displaying, and interpreting data.					
TEKS SE	Mixtures, Force, and Energy Investigation + part (Active Investigation)	Mixtures, Force, and Energy Investigation Other Components	Earth, Cycles, and Change Investigation + part (Active Investigation)	Earth, Cycles, and Change Investigation Other Components	Models and Living Systems Investigation + part (Active Investigation)	Models and Living Systems Investigation Other Components
5.9A	Investigation 3.1 Investigation 3.2 Investigation 3.3 Investigation 5.2 Investigation 5.3 Investigation 6.2 Investigation 6.3	Inv. 2, Math Ext Inv. 6, Math Ext.	Investigation 3.2	Inv. 1, Math Ext. Inv. 2, Math Ext. Inv. 3, Math Ext. Inv. 4, Math Ext	Investigation 3.3 Investigation 4.1	Inv. 2, Math Ext. Inv. 3, Math Ext Inv. 4, Math Ext.
5.9B	Investigation 5.3 Investigation 6.2 Investigation 6.3	Inv. 5, Math Extension Inv. 6, Math Ext.		Inv. 1, Math Ext. Inv. 4, Math Ext		
5.9C	Investigation 5.2 Investigation 5.2 Investigation 6.2 Investigation 6.3	Inv. 2, Math Ext. Inv. 3, Math Ext. Inv. 5, Math Ext. Inv. 6, Math Ext.	Investigation 3.2	Inv. 1, Math Ext. Inv. 1, Math Ext. Inv. 3, Math Ext. Inv. 4, Math Ext	Investigation 3.3 Investigation 4.1	Inv. 2, Math Ext. Inv. 3, Math Ext Inv. 4, Math Ext.

Personal Financial Literacy TEKS

5.10	The student applies mathematical process standards to manage one's financial resources effectively for lifetime financial security.					
TEKS	Balance and	Balance and Motion	Air, Weather and Earth	Air, Weather and	Plants and Animals	Plants and Animals

SE	Motion Investigation + part (Active Investigation)	Investigation Other Components	Investigation + part (Active Investigation)	Earth Investigation Other Components	Investigation + part (Active Investigation)	Investigation Other Components
5.10A						
5.10B						
5.10C						
5.10D						
5.10E						
5.10F						