

# FOSS Texas Ed. Grade 3 TEKS Correlation Mathematics

§111.5. Grade 3, Adopted 2012

## SE=Student Expectations

### Mathematical Process Standards TEKS

3.1 The student uses mathematical processes to acquire and demonstrate mathematical understanding.						
TEKS SE	Energy and Matter Investigation + part (Active Investigation)	Energy and Matter Investigation Other Components	Earth and Sky Investigation + part (Active Investigation)	Earth and Sky Investigation Other Components	Structures of Life Investigation + part (Active Investigation)	Structures of Life Investigation Other Components
<b>3.1A</b>	Investigation 1.1 Investigation 1.2 Investigation 1.3  Investigation 2.2 Investigation 2.3 Investigation 2.4 Investigation 2.5  Investigation 3.1 Investigation 3.2 Investigation 3.3 Investigation 3.4 Investigation 4.1 Investigation 3.3	Inv. 1, Math Extension Inv. 1, Home/School  Inv. 2, Math Extension Inv. 2, Home/School  Inv. 3, Math Extension Inv. 3, Home/School  Inv. 4, Math Extension Inv. 4, Home/School	Investigation 4.1 Investigation 4.2	Inv. 3, Math Extension Inv. 4, Math Extension	Investigation 1.1 Investigation 1.3 Investigation 2.1 Investigation 2.2 Investigation 3.4 Investigation 4.1	Inv. 1, Math Ext. Inv. 2, Math Ext. Inv. 3, Math Ext. Inv. 4, Math Ext.
<b>3.1B</b>	Investigation 1.2 Investigation 2.2	Inv. 4, Math Extension Inv. 4, Home/School		Inv. 1, Math Extension Inv. 2, Math Extension		Inv. 1, Math Ext.

	Investigation 2.3 Investigation 2.4 Investigation 3.2 Investigation 4.3			Inv. 3, Math Extension Inv. 4, Math Extension		Inv. 2, Math Ext. Inv. 3, Math Ext. Inv. 4, Math Ext.
<b>3.1C</b>	Investigation 1.1 Investigation 1.2 Investigation 1.3 Investigation 1.4  Investigation 2.1 Investigation 2.2 Investigation 2.3 Investigation 2.4 Investigation 2.5  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, Home/School  Inv. 2, Math Extension Inv. 2, Home/School  Inv. 2, Math Extension Inv. 2, Home/School  Inv. 4, Home/School	Investigation 1.1 Investigation 1.2 Investigation 1.3 Investigation 1.4  Investigation 2.1 Investigation 2.2 Investigation 2.3  Investigation 3.2 Investigation 3.3  Investigation 4.1 Investigation 4.2 Investigation 4.3 Investigation 4.4 Investigation 4.5		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 3.4 Investigation 3.5  Investigation 4.1 Investigation 4.2 Investigation 4.3	
<b>3.1D</b>	Investigation 1.2 Investigation 1.3  Investigation 2.2 Investigation 2.3 Investigation 2.4 Investigation 2.5  Investigation 3.1 Investigation 3.4  Investigation 4.3	Inv. 1, Math Extension Inv. 1, Home/School  Inv. 2, Math Extension Inv. 2, Home/School	Investigation 4.2	Inv. 1, Math Extension Inv. 3, Math Extension Inv. 4, Math Extension		Inv. 1, Math Ext. Inv. 2, Math Ext. Inv. 3, Math Ext. Inv. 4, Math Ext.
<b>3.1E</b>	Investigation 1.2	Inv. 1, Home/School	Investigation 3.3	Inv. 1, Math Extension	Investigation 2.1	Inv. 2, Math Ext.

	Investigation 1.3 Investigation 1.4  Investigation 2.2 Investigation 2.3 Investigation 2.4  Investigation 3.1 Investigation 3.2 Investigation 3.3  Investigation 4.1 Investigation 4.3	Inv. 2, Home/School  Inv. 3, Math Extension Inv. 3, Home/School  Inv. 4, Math Extension Inv. 4, Home/School	Investigation 4.1	Inv. 4, Math Extension	Investigation 2.2 Investigation 2.2 Investigation 3.4	Inv. 3, Math Ext. Inv. 4, Math Ext.
<b>3.1F</b>	Investigation 1.3 Investigation 2.2 Investigation 2.3 Investigation 2.4	Inv. 2, Math Extension Inv. 2, Home/School	Investigation 4.1	Inv. 4, Math Extension		Inv. 2, Math Ext. Inv. 3, Math Ext.
<b>3.1G</b>	Investigation 1.2 Investigation 1.3  Investigation 2.2 Investigation 2.3 Investigation 2.4  Investigation 3.1 Investigation 3.2 Investigation 3.3	Inv. 1, Math Extension Inv. 1, Home/School  Inv. 2, Home/School  Inv. 3, Math Extension Inv. 3, Home/School	Investigation 3.3 Investigation 4.1	Inv. 1, Math Extension Inv. 3, Math Extension Inv. 4, Math Extension	Investigation 1.3 Investigation 3.4	Inv. 1, Math Ext. Inv. 2, Math Ext. Inv. 3, Math Ext. Inv. 4, Math Ext.

### Number and Operations TEKS

<b>3.2</b>	<b>Number and operations. The student applies mathematical process standards to represent and compare whole numbers and understand relationships related to place value.</b>					
<b>TEKS SE</b>	<b>Balance and Motion</b> Investigation + part (Active Investigation)	<b>Balance and Motion</b> Investigation Other Components	<b>Air, Weather and Earth</b> Investigation + part (Active Investigation)	<b>Air, Weather and Earth</b> Investigation Other Components	<b>Plants and Animals</b> Investigation + part (Active Investigation)	<b>Plants and Animals</b> Investigation Other

						Components
<b>3.2A</b>						
<b>3.2B</b>						
<b>3.2C</b>						
<b>3.2D</b>	Investigation 2.5					
<b>3.3</b>	<b>The student applies mathematical process standards to represent and explain fractional units.</b>					
<b>TEKS SE</b>	<b>Balance and Motion</b> Investigation + part (Active Investigation)	<b>Balance and Motion</b> Investigation Other Components	<b>Air, Weather and Earth</b> Investigation + part (Active Investigation)	<b>Air, Weather and Earth</b> Investigation Other Components	<b>Plants and Animals</b> Investigation + part (Active Investigation)	<b>Plants and Animals</b> Investigation Other Components
<b>3.3A</b>						Inv. 4, Math Ext.
<b>3.3B</b>						
<b>3.3C</b>						Inv. 4, Math Ext.
<b>3.3D</b>						
<b>3.3E</b>						Inv. 4, Math Ext.
<b>3.3F</b>						Inv. 4, Math Ext.
<b>3.3G</b>						
<b>3.3H</b>						
<b>3.4</b>	<b>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.</b>					
<b>TEKS SE</b>	<b>Balance and Motion</b> Investigation + part (Active Investigation)	<b>Balance and Motion</b> Investigation Other Components	<b>Air, Weather and Earth</b> Investigation + part (Active Investigation)	<b>Air, Weather and Earth</b> Investigation Other Components	<b>Plants and Animals</b> Investigation + part (Active Investigation)	<b>Plants and Animals</b> Investigation Other Components
<b>3.4A</b>	Investigation 1.3 Investigation 3.1 Investigation 4.1	Inv. 1, Math Extension Inv. 1, Home/School Inv. 3, Math Extension		Inv. 1, Math Extension	Investigation 4.1	Inv. 1, Math Ext Inv. 2, Math Ext.

	Investigation 4.3	Inv. 4, Math Extension Inv. 4, Home/School				
<b>3.4B</b>						
<b>3.4C</b>						
<b>3.4D</b>						
<b>3.4E</b>						
<b>3.4F</b>						
<b>3.4G</b>	Investigation 3.1	Inv. 2, Math Extension Inv. 3, Math Extension				
<b>3.4H</b>						
<b>3.4I</b>						
<b>3.4J</b>						
<b>3.4K</b>	Investigation 3.3	Inv. 1, Math Extension Inv. 2, Math Extension Inv. 3, Math Extension		Inv. 2, Math Extension Inv. 3, Math Extension Inv. 4, Math Extension		Inv. 1, Math Ext Inv. 2, Math Ext. Inv. 3, Math Ext.

### Algebraic Reasoning TEKS

<b>3.5</b>	<b>The student applies mathematical process standards to analyze and create patterns and relationships.</b>					
<b>TEKS SE</b>	<b>Balance and Motion</b> Investigation + part (Active Investigation)	<b>Balance and Motion</b> Investigation Other Components	<b>Air, Weather and Earth</b> Investigation + part (Active Investigation)	<b>Air, Weather and Earth</b> Investigation Other Components	<b>Plants and Animals</b> Investigation + part (Active Investigation)	<b>Plants and Animals</b> Investigation Other Components
<b>3.5A</b>		Inv. 3, Math Extension		Inv. 3, Math Extension		Inv. 1, Math Ext Inv. 2, Math Ext. Inv. 3, Math Ext. Inv. 4, Math Ext.
<b>3.5B</b>		Inv. 2, Math Extension Inv. 3, Math Extension		Inv. 3, Math Extension Inv. 4, Math Extension		
<b>3.5C</b>		Inv. 3, Math Extension				
<b>3.5D</b>						
<b>3.5E</b>		Inv. 3, Math Extension Inv. 3, Home/School		Inv. 2, Math Extension		

### Geometry and Measurement TEKS

<b>3.6</b>	<b>The student applies mathematical process standards to analyze attributes of two-dimensional geometric figures to develop generalizations about their properties.</b>					
<b>TEKS SE</b>	<b>Balance and Motion</b> Investigation + part (Active Investigation)	<b>Balance and Motion</b> Investigation Other Components	<b>Air, Weather and Earth</b> Investigation + part (Active Investigation)	<b>Air, Weather and Earth</b> Investigation Other Components	<b>Plants and Animals</b> Investigation + part (Active Investigation)	<b>Plants and Animals</b> Investigation Other Components
<b>3.6A</b>						
<b>3.6B</b>						
<b>3.6C</b>				Inv. 3, Math Extension		
<b>3.6D</b>						
<b>3.5E</b>						
<b>3.7</b>	<b>The student applies mathematical process standards to select appropriate units, strategies, and tools to solve problems involving customary and metric measurement.</b>					
<b>TEKS SE</b>	<b>Balance and Motion</b> Investigation + part (Active Investigation)	<b>Balance and Motion</b> Investigation Other Components	<b>Air, Weather and Earth</b> Investigation + part (Active Investigation)	<b>Air, Weather and Earth</b> Investigation Other Components	<b>Plants and Animals</b> Investigation + part (Active Investigation)	<b>Plants and Animals</b> Investigation Other Components
<b>3.7A</b>						
<b>3.7B</b>						
<b>3.7C</b>	Investigation 1.2 Investigation 3.3 Investigation 3.4					
<b>3.7D</b>	Investigation 2.3 Investigation 2.4 Investigation 3.1 Investigation 3.3 Investigation 3.4	Inv. 2, Home/School	Investigation 1.1 Investigation 1.3 Investigation 1.4 Investigation 3.2 Investigation 4.1 Investigation 4.2		Investigation 1.3	
<b>3.7E</b>	Investigation 2.3 Investigation 2.4 Investigation 3.1 Investigation 3.3 Investigation 3.4	Inv. 2, Home/School	Investigation 1.1 Investigation 1.3 Investigation 1.4 Investigation 3.2 Investigation 4.1 Investigation 4.2		Investigation 1.3	

### Data Analysis TEKS

3.8	The student applies mathematical process standards to solve problems by collecting, organizing, displaying, and interpreting data.					
TEKS SE	Balance and Motion Investigation + part (Active Investigation)	Balance and Motion Investigation Other Components	Air, Weather and Earth Investigation + part (Active Investigation)	Air, Weather and Earth Investigation Other Components	Plants and Animals Investigation + part (Active Investigation)	Plants and Animals Investigation Other Components
<b>3.8A</b>	Investigation 1.2 Investigation 1.3  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 4.3	Inv. 1, Home/School Inv. 3, Math Extension Inv. 3, Home/School Inv. 4, Math Extension	Investigation 4.1		Investigation 1.1 Investigation 2.2	Inv. 2, Math Ext.
<b>3.8B</b>	Investigation 1.2 Investigation 1.3 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 4.3	Inv. 1, Home/School Inv. 3, Math Extension Inv. 3, Home/School Inv. 4, Math Extension	Investigation 4.1			Inv. 2, Math Ext. Inv. 3, Math Ext.

### Personal Financial Literacy TEKS

3.9	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

<b>SE</b>	<b>Motion</b> Investigation + part (Active Investigation)	Investigation Other Components	Investigation + part (Active Investigation)	<b>Earth</b> Investigation Other Components	Investigation + part (Active Investigation)	Investigation Other Components
<b>2.9A</b>						
<b>2.9B</b>						
<b>2.9C</b>						
<b>2.9D</b>						
<b>2.9E</b>						
<b>2.9F</b>						