

GRADE	CONTENT	SKILLS	ALTERNATIVE MATH CURRICULUM CHAPTERS	GO MATH! CHAPTERS/BIG IDEAS MATH LESSON SECTIONS
<b>NUMBERS AND OPERATIONS</b>				
<b>Essential Question:</b> How can we use God's gift of the number system to understand the world and all created things?			<b>Big Idea:</b> The use of the number system to help us understand the world and all created things is a gift from God.	
7	Rational Numbers	7.NO.1	Apply and extend the four basic operations to rational numbers (7.NS.1,2,3)	Section: 1.2, 1.3, 1.4, 1.5, 1.6, 2.1, 2.2, 2.3, 2.3b Section: 1.4, 1.5, 2.1, 2.3, 2.3b
		7.NO.2	Understand and apply properties of operations (7.NS.2)	
		7.NO.3	Perform operations with numbers expressed in scientific notation, exponents, and square root	
	Ratios/Proportions/Percentages	7.NO.4	Analyze and apply proportional relationships (7.RP.1,2,3)	Section: 3.1, 3.2, 3.3, 3.4, 3.5, 3.6, 3.7, 3.7b, 3.8, 4.1, 4.2, 4.3, 4.4
<b>OPERATIONS AND ALGEBRAIC THINKING</b>				
<b>Essential Question:</b> What do mathematical principles demonstrate about God.			<b>Big Idea:</b> The consistency of mathematical principles continues to demonstrate the orderliness and precision of God.	
7	Expressions/Equations/Inequalities	7.OAT.1	Use properties of operations to generate equivalent expressions (7.EE.1,2)	Section: 2.5b, 4.3 Section: 1.1, 1.2, 1.3, 1.4, 1.5, 2.1, 2.2, 2.3, 2.4, 2.5, 2.6, 2.6b, 4.1, 4.2, 4.3, 4.4
		7.OAT.2	Solve real-life and mathematical problems using numerical and algebraic expressions and equations (7.EE.3,4)	
		7.OAT.3	Represent, graph, analyze, and generalize patterns, ratios, and inequalities using symbolic rules	
	Measurement Systems	7.M.1	Convert between a variety of standard/metric measures (e.g., in to cm, cm to in)	
<b>MEASUREMENT</b>				
<b>Essential Question:</b> How can we show honor to God by being faithful and accurate in our measurements?			<b>Big Idea:</b> God is concerned that we be accurate and orderly in our use of weights, measures, and numbers.	
7	Figures	7.GEO.1	Draw, construct, and describe geometrical figures and identify the relationships between them (7.G.1,2,3)	Section: 5.1, 5.2, 5.3, 5.4, 5.4b, 5.5, 5.6, 5.7, 6.1, Topic 2 Section: 6.2, 6.2b, 6.3, 6.4, 6.5, 6.6, 7.1, 7.2, 7.3, 7.4, 7.5, 7.6, Topic 1
		7.GEO.2	Solve real-world and mathematical problems involving angle measure, perimeter, area, surface area and volume (7.G.4,5,6)	
		Geometrical Measurements		
	Statistics and Probability	7.DSP.1	Use random sampling to draw inferences about a population (7.SP.1,2)	Section: 8.1, 8.2, 8.3, 8.4, 8.4b Section: 8.4b Section: 9.1, 9.2, 9.3, 9.4
7.DSP.2	Draw informal comparative inferences about two populations (7.SP.3,4)			
7.DSP.3	Investigate chance processes and develop, use, and evaluate probability models (7.SP.5,6,7,8)			
<b>DATA ANALYSIS, STATISTICS, AND PROBABILITY</b>				
<b>Essential Question:</b> How can we quantify our findings in a way that pleases God			<b>Big Idea:</b> God has at various times commanded men to count, measure, and record their findings.	