

Cornerstone Christian Academy 8th Grade Curriculum and Instruction Overview*

	ELA	Math (Pre-Algebra)	Math (Algebra)	Bible	Science	History
Term 1	Short Story Flash Fiction Writing Poetry Analysis Informational Text Sentence Structure and Variety Novel Study Literary Analysis Vocabulary	Real Numbers Scientific Notation Proportional Relationships Nonproportional Relationships	Quantitative Reasoning Algebraic Models Creating and Solving Equations and Inequalities Graphing Functions Patterns and Sequences	Who is Wisdom Wisdom vs Foolishness Examples of Wise Men Wisdom at Home Understanding Wisdom	Lab Safety Scientific Method Density Earth's Surface Weather Components and Movement in Space	Exploration Colonization The 13 English Colonies Revolution in the Colonies
Term 2	Persuasive Media Informational Text/Cornell Notes Research Writing Vocabulary Verb Tense Commas Subordinating Conjunctions Complex Sentences Poetry Analysis	Writing Linear Equations Functions Angle Relationships in Parallel Lines Pythagorean Theorem	Properties of Linear Functions Forms of Linear Functions Parallel and Perpendicular Lines Scatter Plots and Trend Lines	Friendships Recognizing/Dealing with Sin Fruit of the Spirit Character	Energy Transformations Potential and Kinetic Energy Speed, Velocity, Acceleration Newton's Laws	Creating a Republic Constitution Government
Term 3	Poetry Analysis: Meter and Rhyme as Introduction to Play Study Comedy of Errors/Creative Scene Writing and Performance Informational text with Timed Writing Response Commas Prepositional Phrase Verbal Phrases	Volume Surface Area Equations with Variables on Both Sides Inequalities with Variables on Both Sides	Solving and Modeling with Systems of Linear Equations Exponential Functions and Sequences Exponential Equations and Models Inequalities with Variables on Both Sides	Friendships Recognizing/Dealing with Sin Fruit of the Spirit Character	Atoms Elements and Compounds	The Early Republic - Establishing a New Nation Era of Expansion– Civic, Economic, and Social Westward Expansion
Term 4	Novel Study Literary Analysis Informational Text Response Writing Socratic Seminar Pronoun Usage Commas Capitalization Verbal Phrases Subordinate Clauses Review	Transformation and Congruence Dilations Similarity and Proportionality Scatter Plots and Sampling Managing Money Planning Your Future	Add/Subtract/Multiply/Divide Polynomials Graphing Quadratic Functions Factors and Intercepts of Quadratic Functions Solving Quadratic Equations	Forgiveness Humility Integrity Perseverance Courage Self-Control	Chemical Formulas and Equations Eighth Grade Book Study	Westward Expansion Civil War and Reconstruction
	Novels: <i>The Giver</i> <i>The Pearl</i> <i>Diary of Anne Frank</i> <i>The Comedy of Errors</i>			Weekly Memory Verses Projects: Spiritual Leadership Profile Proverbs Interpretation Shark Tank Teaching Chapel Lesson	Projects: STEM Fair 3D Models Advertisements Children's Book Research a Scientist	Projects: National History Day Breaking Down Barriers Project Colonial Fair Creating of Constitution and U.S. Government Writing Project

*Subject to change