

Gainesville Potter's House Christian Academy
10th-12th Grade - **September** Lesson Plan

Theme of the Month

“Theme of the month” (Ms.T)

Students will grow academically and spiritually by connecting learning across **English, Math, Science, and History**:

- **Math:** Logical reasoning with statements, negations, conjunctions, disjunctions, conditionals, biconditionals and truth tables.
- **Science:** Study of biochemistry, ecosystems, sustainability, and cell structure and function.
- **History:** *The Ancient Near East*

Vocabulary Words

Week	English Vocabulary	Math	Science	History
Week 4	Mosaic, law, scripture, willingness, exactness, persistence, definition, comparison, wholeheartedly, christian	Half-line, ray, half-plane, edge, angles, interior and exterior angle		Sumer ,polythemism,sargon,ziggurats, cuneiform
Week 5	Period, Roman, Ancestry, Expectations, condemned, dead, filled, delight, despised, chosen, rejected, alive, buried, innocent	inductive reasoning, conjecture, counterexample, fallacy, hasty generalization, conjunction, disjunction, existential quantifier, negation, statement, universal quantifier, biconditional, conclusion, conditional statement, contrapositive, converse, hypothesis, inverse, logically equivalent	Biochemistry, water, organic compound, carbohydrate, lipid, protein, nucleic acid, ecosystem, biosphere, biotic factor, abiotic factor	Hammurabi,kassitem mosaic covenant,
Week 6	Purpose, manner, mission, nature, immediately, bethlehem, religion, rebellion, temple, entering, kingdom, baptizing, significance, response, temptation	deductive reasoning, modus opponents, modus rollers, sound argument, transitory, algebraic proof, equivalent relationship, proof	Biome, climate, abiotic factor, vertical zonation, producer, consumer, food web, ecological pyramid, competition, predation, Parasitism, commensalism, mutualism	shepsut,,akhenaten,
Week 7	Repent, strategizing, conclusion, respecting, practical, application, miracle, symbol, overabundance, witnesses	complementary angles, corollary, linear pair, supplementary angles, vertical angles, angle bisector, perpendicular bisector, segment bisector	Sustainability, biogeochemical cycle, population growth, biodiversity, limiting factor, primary succession, secondary succession, transect, ecological footprint, natural resource, ecosystem management	

Week 8	Cleansed, authority, motivation, synagog, response, fulfillment, prophet, passage	alternate exterior angles, alternative interior angles, consecutive interior angles, corresponding angles, transversal	Cytology, cell theory, unicellular, multicellular, prokaryotic cell, eukaryotic cell, organelle, cell membrane, homeostasis, solution, solute, diffusion, osmosis, passive transport, concentration	
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Core Class Lesson Plans

Week	English	Math	Science	History
Week 4	Lesson/Focus: Who am I as a Writer? 1.1-1.2, 1.3-1.6 Standard: BJU press W & G 11 / Companion to College English Expectations: The students will be able to create master pieces in writing. They will have the ability to understand the importance of sharing who they are in their writing. Homework: Chapter 1 unfinished work, For 12th grade—read Chapter 1 in Companion to College English & write vocabulary word and its definition Quiz List 2 on Friday	Lesson/Focus: Foundations of Geometry Standard: MA.912.C.1.1 I Can: I can identify curves, simple curves, and closed curves. - I can identify spheres, cones, cylinders, and polyhedra. I can distinguish between sketches, drawing and construction. Expectations: Students will identify and classify basic geometric figures and solids, distinguish between sketches, drawings, and constructions, and use appropriate geometric vocabulary to describe their observations. Homework: Curves Test Chapter 1 09/04/20		Lesson/Focus : Bronze Age Civilization Standard: SS.912 .w.1.3 I Can : Ancient Near East history is divided into bronze and iron. Expectation : student be able to explain bronze and iron civilization
Week 5	Lesson/Focus: Who am I as a Writer? 1.7-1.10 Standard: BJU press W & G 11 / Companion to College English I Can: Publish a reflection Essay Expectations: The students will be able to create master pieces in writing. They will have the ability to understand the importance of	Lesson/Focus: Reasoning & Proof Standard: MA.912.AR.2.1 MA.912.AR.2.2 I Can: - I can explain the roles of inductive and deductive reasoning in making and verifying conjecture. - I can compare simple statements and their negotiation.	Lesson/Focus: Ch. 2-3 - Biochemistry; Chapter 2 review/test; introduction to ecology and Our Living Planet. Standard: SC.912.L.18.1 - Biological macromolecules; SC.912.L.17.9 - Food webs and energy. I Can: Explain the role of biological macromolecules and	Lesson/Focus: Later near Easter Empire Standard: SS.912 W.1.5 I Can: who was the different empire Expectations: student should know civilization and empire

	sharing who they are in their writing. Homework: List 3, unfinished work Chapter Essays Due Friday Quiz List 3 on Friday	- I can write conditional and biconditional statements. Expectations: - Utilize counterexamples to disprove statements. - Determine the truth values of conjunction and disjunctions. -Determine truth values for conditionals and biconditionals. Homework: Inductive reasoning, statement & truth value Chapter 2 Quiz 2A 09/10/2026	connect energy flow to living systems. Expectations: Complete biochemistry work, Chapter 2 assessment, and ecology introduction. Homework: Review biochemistry and begin ecology notes. Chapter 2 Test 9/11/20/26	Homework: chapter review **Test chapter 2 9/30/26
Week 6	Lesson/Focus: Preparing to write: Learning to research well 2.11-2.14 Standard: BJU press W & G 11 / Companion to College English I Can: formulate a research question, analyze sources, formulate christian responses, make an outline of a biography essay. Expectations: The students will be able to create master pieces in writing. They will have the ability to understand the importance of sharing who they are in their writing. Homework: List 4, unfinished work Quiz List 4 on Friday	Lesson/Focus: Reasoning & Proof Standard: MA.912.AR.2.3 MA.912.AR.2.4 I Can: - I can classify arguments as inductive or deductive. - I can identify the major subject of the real numbers. - I can list 5 parts of a typical 2-column proof. Expectations: - Evaluate truth, validity, and soundness of deductive arguments. - Write algebraic proofs. - Prove that segment congruence is an equivalence relation Homework: Deductive & Algebraic reasoning Chapter 2 Quiz 2B 09/15/2026 Chapter 2 Quiz 2C 09/18/2026	Lesson/Focus: Ch. 3 - Ecology: Biomes, Web of Life, Labs 3A/3B, Chapter 3 review/test. Standard: SC.912.L.17.9 - Trophic energy; SC.912.L.17.5 - Populations. I Can: Explain energy flow through trophic levels and describe factors that affect populations. Expectations: Complete ecology labs, biomes/web-of-life work, review, and Chapter 3 assessment. Homework: Review ecology, biomes, food webs, and population concepts.	Lesson/Focus: Standard: I Can: Expectations: Homework:
Week 7	Lesson/Focus: Preparing to write: Learning to research well 2.15-2.18 Standard: BJU press W & G 11 / Companion to College English	Lesson/Focus: Reasoning & Proof Standard: MA.912.AR.2.5 MA.912.AR.2.6	Lesson/Focus: Ch. 4 - Interacting with the Biosphere: sustainability, Labs 4A/4B, human niche, review. Standard: SC.912.L.17.20 - Human sustainability; SC.912.L.17.11 - Resources.	Lesson/Focus: Standard: I Can:

	I Can: Revise biography, ID prepositions and conjunctions in sentences, proofread my peers' essays. Expectations: The students will be able to create master pieces in writing. They will have the ability to understand the importance of sharing who they are in their writing. Homework: List 5, unfinished work Quiz List 5 on Friday	I Can: - I can write missing statements and reasons in 2-column proofs. - I can construct perpendicular bisectors of segments and angle bisectors Expectations: - Prove that angle congruence is an equivalent relation - Prove theorem involving bisectors of segment and angle bisectors. Homework: Proof using angles & Using bisectors Chapter 2 Test 09/25/2026	I Can: Evaluate how humans use resources and explain choices that support sustainability. Expectations: Complete sustainability labs, human-niche activities, and Chapter 4 review. Homework: Study Chapter 4 review and sustainability concepts.	Expectations: Homework:
Week 8	Lesson/Focus: Preparing to write: Learning to research well 2.19 Standard: BJU press W & G 11 / Companion to College English I Can: Revise biography, ID prepositions and conjunctions in sentences, proofread my peers' essays, publish biography. Expectations: The students will be able to create master pieces in writing. They will have the ability to understand the importance of sharing who they are in their writing. Homework: List 6, unfinished work Biography essay published by Monday: Presentation Monday/Wednesday Quiz List 6 on Friday	Lesson/Focus: Parallel & Perpendicular Lines Standard: MA.912.GR.5.2 MA.912.AR.5.5 I Can: - I can identify pairs of angles formed by a transversal intersecting 2 lines. - I can identify pairs of angles formed by a transversal intersecting 2 lines. - I can construct a line that is through a given point and parallel or perpendicular to a given line. Expectations: - Prove theorems relating pairs of angles formed by a transversal of 2 parallel lines. - Prove relationships between parallel and perpendicular lines. - Combine constructions to construct angles with a given measure	Lesson/Focus: Ch. 4-5 - Chapter 4 Test; cell structure/function; Lab 5A; cell environment; Lab 5B. Standard: SC.912.L.17.20 - Sustainability; SC.912.L.14.2 - Cell structure. I Can: Describe cell structures/functions and explain how cells interact with their environment. Expectations: Complete Chapter 4 assessment, cell lessons, and Labs 5A/5B. Homework: Review cell structure/function and complete assigned LM/SE work. ** Chapter 4 Test 10/2/26 **	Lesson/Focus: Standard: I Can: Expectations: Homework:

		Homework: Parallel lines & transversal, and proving lines are parallel Chapter 3 Quiz 3A 10/01/2026 Chapter 3 Quiz 3B 10/02/2026		
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Mrs. Moore - College Prep

Materials Needed for the Month: A three-ring binder, pencil or pen, highlighters, and a technological device; such as a laptop, tablet, or phone, when requested.

Week	Lesson	I Can	Standard	Verse of the Week	Homework
4	MLA Formatting & Essay Basics	I can format an essay using MLA guidelines.	ELA.9.C.1.4	Ephesians 5:9	MLA Formatting: What Is an Essay?
5	APA Formatting	I can write and format an informative comparison using APA style.	ELA.9.C.1.4	Nehemiah 8:10	APA Formatting: EV Cars vs. Gas Cars
6	Digital Presentations	I can create a clear digital presentation about my dream home, apartment, or preferred living arrangement.	ELA.9.C.5.1	Isaiah 26:3	
7	Life Skills	I can correctly complete a basic application, check, and mailed letter.	ELA.9.C.1.4	James 1:4	
8	Life Skills	I can choose appropriate language and tone for school, work, church, and social settings.	ELA.9.C.2.1	Ephesians 4:32	

Electives

Coach J - P.E

Reminder: Bring water bottle, clothes and shoes

Week	Lesson	I Can
Week 5	HOPE: Environmental Health: Air, Land, Water, and Natural Disasters. PE: Volleyball Fundamentals: Warm-Up and Hand-Eye Coordination.	I Can: I can explain how air quality, land and water quality, natural disasters, and environmental stewardship affect my health and my community. I Can: I can use proper stretching and movement techniques to warm up my body and improve my hand-eye coordination through volleyball drills.
Week 6	HOPE: Students will learn the differences between fracking and traditional drilling and examine the benefits and consequences of each method. Homework: Compose a five-paragraph position statement that either supports or opposes fracking. Begin with an overview of fracking and the main issues surrounding it. In the next three paragraphs, discuss biblical principles, the possible benefits and consequences, and the motivations behind the use of fracking. Conclude by clearly stating and supporting your personal position on fracking. PE: Students will participate in drills and exercises designed to improve upper- and lower-body strength, coordination, endurance, and overall physical fitness.	I Can: I can compare fracking and drilling and explain their benefits and consequences for people, the economy, and the environment. PE: I can safely complete arm and leg exercises and drills to improve my strength, endurance, and coordination.
Week 7	HOPE: Chapter Test to demonstrate their understanding of the material. To conclude the chapter, students will participate in a hands-on class project by planting seeds and caring for their plants, connecting what they learned to ways plants can positively contribute to the environment. PE: Students will participate in drills and exercises designed to improve upper- and lower-body strength, coordination, endurance, and overall physical fitness.	I Can: I can demonstrate what I learned in this chapter and apply my knowledge by planting and caring for a plant that benefits the environment. PE: I can safely complete arm and leg exercises and drills to improve my strength, endurance, and coordination.
Week 8	HOPE: Health and Life Management chapter by learning how money management, decision-making, interpersonal skills, and coping skills contribute to making responsible and healthy life choices. PE: Students will participate in drills and exercises designed to improve upper- and lower-body strength, coordination, endurance, and overall physical fitness.	I Can: I can identify and explain important life-management skills, including managing money, making responsible decisions, communicating with others, and using healthy coping skills. PE: I can safely complete arm and leg exercises and drills to improve my strength, endurance, and coordination.