

Gainesville Potter's House Christian Academy
7th Grade - **September** Lesson Plan

Theme of the Month

“Walk by Faith, Courageously following the Shepherd”

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

- **Math:** Extends the number line to include the opposites of the natural numbers.
- **Science:** Study cell structure, DNA, heredity, and genetics while recognizing purposeful design in living things.
- **History:** God speak to us through history

Vocabulary Words

Week	English Vocabulary	Math	Science	History
Week 4	Abate, blundering, brooding, countenance, dire, domain, expedition, gait, goring, inert, intermittently, misshapen, myriad, onslaught, plunder, provision, reluctant, reprimand	base, cubed, expanded, exponential form, exponent, squared, exponential form		
Week 5	Extricate, malicious, presumptions, rash	set, element, finite, infinite, empty, subtraction of an integer	Organelle, cell membrane, cytoplasm, nucleus, mitochondrion, ribosome, chloroplast, vacuole, cell wall, diffusion, photosynthesis, cellular respiration, ATP	Feudalist, parliament , citizenship
Week 6	Grimy, humor, matted, perilously	division of an integer, multiplication of an integer	DNA, gene, chromosome, nucleotide, transcription, translation, DNA replication, cell cycle, mitosis, meiosis	
Week 7	Disdainful, fawn, latter, revelry, spectacle, tawdry	variable, algebraic expression, equivalent expression, term	Heredity, trait, allele, dominant, recessive, genotype, phenotype, Punnett square, probability, Mendel	
Week 8	Austere, banked, brooch, chronic, kept, quarry	distributive property, greatest common factor, factoring, like terms, coefficient,	incomplete dominance, codominance, multiple alleles, inheritance, genetic variation, population, genetic drift, natural selection, allele, phenotype	

Core Class Lesson Plans

Week	English	Math	Science	History
Week 4 August 31 September 4	Lesson/Focus: Writing and Grammar Standard: 7th W&G 4th E.D. 1.3/1.4/1.5/1.6 I Can: - Recall the definition of a sentence. - recall parts of sentences - List coordinating conjunction - ID compound subject and predicate - Demonstrate knowledge of concepts and terms of chap.1 Expectations: Students will show understanding by making sentences and also recognizing them. They will participate in class questions and games showing me that they have understood to the level of teaching anyone who hasn't. Homework: List 2, Anything not finished in class List 2 quiz on Friday	Lesson/Focus: Whole Numbers and Decimals Standard: MA.912.AR.7.2 Solve square root or cube root. I Can: I can find the square root of the perfect square. I can use the Order of Operations. Expectations: Estimate square roots by determining the two consecutive numbers. Solve problems with order of operations. Homework: Chapter Review Test on Wednesday 09/02/2026		
Week 5 September 7-11	Lesson/Focus: Writing and Grammar Standard: 7th W&G 4th E.D. 1.7/1.8/1.9/1.10 I Can: - Recall the definition of a sentence. - recall parts of sentences - List coordinating conjunction - ID compound subject and predicate - Demonstrate knowledge of concepts and terms of chap.1	Lesson/Focus: Integers Standard: MA.7.AR. 1.1 MA.7.NSO.1. I Can: - I can classify numbers by number sets - I can classify numbers by number sets - I can add integers with like and different signs. I can subtract integers Expectations: - Determine subsets of numbers of sets.	Lesson/Focus: Ch. 2 - Cell structures and functions; Lab Days 1-3; ethics. Standard: SC.6.L.14.4 - Organelles and functions. I Can: Identify major cell organelles and explain how their functions support the cell. Expectations: Complete cell structure/function labs and assigned SE/SA activities.	Lesson/Focus: Ch 2 : Emergence of Europe Standard: SS .912 W.2.9 Rise of Feudalism I Can: explain how feudalism contributed to emergence of Europe Expectations: can demonstrate how important leaders and

	Expectations: Students will show understanding by making sentences and also recognizing them. They will participate in class questions and games showing me that they have understood to the level of teaching anyone who hasn't. Homework: List 3, Chapter Review List 3 quiz on Friday	- Simplify expressions containing absolute value - Solve problems with integers Homework: Number and set, opposite and absolute value Chapter 2 Quiz 1 09/11/2026	Homework: Review organelles and functions; finish assigned SE/SA work.	kingdoms contributed emergence of Europe Homework activity 1,2
Week 6 September 14–18	Lesson/Focus: Verbs Standard: 7th W&G 4th E.D. 2.11/2.12/2.13/2.14 I Can: - Take a test of chap 1 and pass. - define verb - list type of linking verbs and the principal parts of a verb Expectations: Students will show understanding verbs and also recognize them. They will participate in class questions and games showing me that they have understood to the level of teaching anyone who hasn't. Homework: List 4, Anything not finished in class Chapter 1 Test 9/15/26 List 4 quiz on Friday	Lesson/Focus: Integers Standard: MA.8.AR.1.1 MA.8.AR.1.2 MA.8.AR.1.3 I Can: - I can multiply integers. - I can divide integers. - I can simplify numerical expressions involving integers Expectations: - Solve powers of integers. - Solve real-world problems involving division. - Distinguish between testing and consistency in mathematics and determining truth. Homework: Multiplication & Division of Integers.	Lesson/Focus: Ch. 2-3 DNA and genes; gene function; cell division; lab. Standard: SC.6.L.14.4 - Cell function; SC.7.L.16.1 - Genes and chromosomes. I Can: Explain how DNA and genes carry information and describe the purpose of cell division. Expectations: Complete Chapter 2 assessment and participate in DNA/gene and cell division activities. Homework: Review DNA, genes, and cell division notes.	Lesson/Focus: 2.2 Decline of feudalism and the development of Europe state Standard: SS 912 .W 2 .9 I Can: explain how feudalism,the church,islam,European society Expectations:students will analyze political,religious,economic and social developments.
Week 7 September 21–25	Lesson/Focus: Verbs Standard: 7th W&G 4th E.D. 2.15/2.16/2.17/2.18 I Can: - define verb - list type of linking verbs and the principal parts of a verb - evaluate different sentence patterns	Lesson/Focus: Numerical & Algebraic Expression Standard: MA.7.AR.1.1 MA.7.AR.1.2 I Can: - I can translate a word phrase into an algebraic expression. - I can write equivalent expressions by applying the properties of addition	Lesson/Focus: Ch. 3-4 - Cell information lab/ethics; Chapter 3 review/test; principles of heredity. Standard: SC.7.L.16.1 - Heredity; SC.7.L.16.2 - Inheritance. I Can: Explain basic heredity and how traits are passed from parents to offspring.	Lesson/Focus:2.3 Europe Culture Expectations: the student could demonstrate knowledge Homework: 3,4 Standard: SS. 912W.2.10

	Expectations: Students will show understanding verbs and also recognize them. They will participate in class questions and games showing me that they have understood to the level of teaching anyone who hasn't. Homework: List 5, Anything not finished in class List 5 quiz on Friday	Expectations: - .Evaluate algebraic expressions. - Compute mentally using properties of addition & multiplication Homework: Variables & Expressions, Properties of Addition & Multiplication Chapter 2 Test 09/27/2026	Expectations: Complete lab, ethics discussion, Chapter 3 assessment, and heredity lesson. Homework: Review heredity vocabulary and assigned SE/SA work. ** Chapter 2-3 Test 9/25/26**	I Can: Explain christianity `s influence on European society Expectations: Complete home work and learn the material Homework: activity 5
Week 8 September 28 October 2	Lesson/Focus: Verbs Standard: 7th W&G 4th E.D. 2.19/2.20/2.21/2.22 I Can: - define verb - list type of linking verbs and the principal parts of a verb - evaluate different sentence patterns - Express verbs in present and past perfect tense Expectations: Students will show understanding verbs and also recognize them. They will participate in class questions and games showing me that they have understood to the level of teaching anyone who hasn't. Homework: List 6, Chapter review List 6 quiz on Friday	Lesson/Focus: Numerical & Algebraic Expression Standard: MA.7.AR.1.1 MA.7.AR1.2 I Can: - I can apply the distributive property to compute mentally. - I can apply the distributive property to factor linear expressions. - I can identify like terms Expectations: - Write equivalent expressions by applying the Distributive Property. - Analyze real-world situations by rewriting the expression in factored form. - Apply the Distributive Property to combine like terms Homework: Distributive Property & Factoring Chapter 3 Quiz 3A 09/28/2026	Lesson/Focus: Ch. 4 - Genetics: patterns of inheritance, Punnett squares, genetics and populations; labs/ethics. Standard: SC.7.L.16.2 - Punnett squares/inheritance. I Can: Use inheritance patterns and Punnett squares to predict possible traits. Expectations: Complete genetics labs, inheritance practice, and ethics discussion. Homework: Finish Punnett square/inheritance practice and review Chapter 4.	Lesson/Focus:2.4 European Calamities Standard: SS.912 W.2.12 I Can: development the knowledge Expectations: explain how affect the history year today Homework: review chapter 2 Chapter 2 9/30/26

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Connect to Classdojo's 7th Grade Group for Daily updates.

Login to [ThinkWave.com](https://www.classdojo.com) to view your Student's Grades

Electives

Coach J - P.E

Mrs. Rivera - Home Ed

Reminder: Bring water bottle, clothes and shoes

Materials Needed for the Month: pencil, high lighter, sticky notes.

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	Lesson	I Can
4	Spending Habit	I can identify healthy spending
5	Banking	I can compare saving vs checking account
6	Credit vs. Debit	I can describe and explain debit and credit
7	Biblical Stewardship	I can identify biblical stewardship
8	Financial Safety	I can identify scam warning signs.

Project syllabus will be sent on 08/27/2026

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.																																					
Ms. Castillo - (Elective)		Mr. Luis - Religion																																				
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