



Curriculum Overview UPPER CLASS—7th & 8th GRADES 2019/2020—Cycle 2

Japhet School's mission is to nurture and prepare each child for life by integrating character education with a strong academic program.

CHARACTER QUALITY	LANGUAGE ARTS	MATH	GLOBAL STUDIES	SCIENCE
Initiative	Reader's and Writer's Workshop	<u>Seventh Grade:</u>	US History:	Cells
Courage	The year-long focus will include:	Graphing	Our Colonial Heritage and March to Independence	Meiosis
Gratitude	1. Literature Appreciation, Reading Comprehension and Fluency: word recognition, spelling, and vocabulary	Integers	Federation to Constitution	Photosynthesis
Obedience		Algebra	Growth of the American Democracy	Human Systems (nervous, circulatory, digestive, endocrine, excretory, immune, integumentary, muscular, reproductive, respiratory, skeletal)
Punctuality	2. The Writing Process: prewriting, drafting, revising, editing, and publishing; writing will emphasize both narrative and expository writing	Ratios and proportion; percentages	Manifest Destiny and Life in the West	Evolution
Justice		Rational and irrational numbers	An Era of Reform	Darwin
Respect for Self	3. Oral Communication	Geometry and measurement	A Divided Nation	Diversity of Life
Respect for Others		Functions and relationships	Reconstruction	Ecology
Self-control		Similarity and congruence	Migration and Industry	Populations and Communities
		Probability	Progressive Era	Environmental Issues
		<u>Pre-Algebra</u>	United States as a World Power in the 20 th Century	Endangered Species
		Solving equations		Engineering to Solve Problems
		Graphing linear equations and linear systems		
		Writing linear equations and linear systems		
		Functions		
		Angles and similarity		
		Square roots and Pythagorean Theorem		
		Linear inequalities		
		Exponents and scientific notation		
		<u>Algebra:</u>		
		Algebra foundations/Solving equations		
		Graphing and solving inequalities		
		Functional notation		
		Functions and graphing		
		Linear functions		
		Systems of linear equations and inequalities		
		Exponents and polynomials		
		Factoring polynomials		
		Quadratic functions and equations		
		Probability and radical functions		

Integrated with the core subjects listed above are Life Skills, Spanish, Music, Art, Physical Education, Library, and Human Growth and Development.