



Curriculum Overview

UPPER CLASS -- 7th & 8th GRADES

2015/2016 -- 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:	Structures and Changes in Matter
Courage	The year-long focus will include:	Graphing	Our Colonial Heritage and March to Independence	
Gratitude	1. Literature	Integers	Federation to Constitution	Elements & the Periodic Table
Obedience	Appreciation, Reading Comprehension and Fluency: word recognition, spelling, and vocabulary	Algebra	Growth of the American Democracy	
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	
Justice		Rational and irrational numbers	An Era of Reform	Heat
Respect for Self	3. Oral Communication	Geometry and measurement	A Divided Nation	
Respect for Others		Functions and relationships	Reconstruction	Invention Fair
Self-control		Similarity and congruence	Migration and Industry	
		Probability	Progressive Era	
		<u>Pre-Algebra</u>	United States as a World Power in the 20 th Century	Evolution & Adaptation of Organisms
		Solving equations		
		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, Technology, Library, and Human Growth and Development.

Updated September 2015