



## Curriculum Overview

### Middle School (Grades 5-8)

### 2021-2022 - Cycle 2

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

<b>Character Quality</b>	<b><u>Language Arts</u></b>	<b><u>Math--5th &amp; 6th</u></b>	<b><u>Math--7th &amp; 8th</u></b>	<b><u>Global Studies</u></b>	<b><u>Science</u></b>
Initiative	Readers' and Writers' Workshop	<u>Fifth Grade</u>	<u>Seventh Grade</u>	Medieval World and Beyond 300 C.E--1500 C.E.	Life Science:
Courage	Students will focus on:	Multiplication & Division Multiplying & Dividing Fractions & Mixed Numbers Intro to Algebra Triangles & Four Sided Figures Ratios Multiplying & Dividing Decimals Percent Graphs & Probability Angles Three Dimensional Shapes Surface Area & Volume	Graphing Integers Algebraic Expressions Ratios, Proportion & Percent Rational & Irrational Numbers Geometry & Measurement Functions & Relationships Similarity & Congruence Probability	Europe during Medieval Times From Roman Republic to Empire Christianity Feudalism Byzantine Empire Islam	Careers in Science
Gratitude	Literature Appreciation			South Asia Gupta Empire (India) Hinduism, Buddhism, Islam	Adaptations Fossils Evolution Human Impact on Evolution
Obedience	Reading Comprehension and Fluency		<u>Pre-Algebra</u>	West Africa Ghana	Cells and Genetics Traits Human Systems Genes Cells Genetic Engineering
Punctuality	The Writing Process		Solving Equations Graphing & Writing Linear Equations & Linear Systems Functions Angles & Similarity Square Roots & the Pythagorean Theorem Linear Inequalities Exponents & Scientific Notation	Imperial China	
Justice	The Development of Technical and Creative Writing	<u>Sixth Grade</u>		Japan Early Cultural Exchanges Between China/Korea/Japan Rise of Warrior Class	Ecosystems Energy and Matter Ecosystem Change Global Warming Water Systems
Respect for Self	Increasing Reading Stamina	Expressions & Number Properties Multiplying & Dividing Fractions & Decimals Percent Ratios, Rates & Data Analysis Equations & Inequalities Tables, Graphs & Functions	<u>Algebra</u>	Civilizations of the Americas Maya Aztec Incas	
Respect for Others	Further Development of Academic Vocabulary and Standard Grammar Conventions		Solving Algebraic Equations Graphing & Solving Inequalities Functional Notation Functions & Graphing Linear Functions Systems of Linear Equations & Inequalities Exponents and Polynomials Factoring Polynomials Quadratic Functions & Equations Probability and Radical Functions	Interconnection of Afroeurasia The Mongol Empire	Future City: Developing a fully self-sustaining community
Self Control	Oral Communication			Europe 1500 C.E. --1750 C.E. Renaissance and Reformation Age of Exploration Scientific Revolution Enlightenment	

Updated: Sept. 2021

