Middle School (Grades 7 & 8) Curriculum Overview

New Garden Friends School

Mission Statement:
Guided by Quaker values, New Garden Friends School is committed to being an inclusive educational community that honors and develops each person's gifts.

With the exception of math, students are typically in mixed-grade core classes that run on an A year/B year rotation

Science	• Scientific Method and Experimental Design • Atoms and the Periodic Table • Structure and Properties of Matter • Cycles Influencing Weather and Climate • Geology and Plate Tectonics • Relationships within Ecosystems • Organism Classification		*Science*	• Scientific Method and Experimental Design • Earth's Place in the Universe • Genes and Heredity • Cell Structures and Functions • Human Body Systems • Motion and Forces	
English	**Writing** • Poetry Analysis • Crafting Original Poetry • Literary Analysis • MLA citation • Grammar and Mechanics • Vocabulary • Morphemes	**Reading** • Gothic Literature • Realistic Fiction • Magical Realism • Non-Fiction (articles, essays, biographies) • Listening and Speaking	*English*	**Writing** • Poetry Analysis • Crafting Original Poetry • Persuasive Essay • MLA citation • Grammar and Mechanics • Vocabulary • Morphemes	**Reading** • Speculative/Science Fiction • Realistic Fiction • Non-Fiction (articles, essays, biographies) • Listening and Speaking
History	• Prehistory/Early Man • Ancient Mesopotamia • Ancient Egypt • Ancient India • Ancient China • Ancient Greece • Ancient Rome • African Kingdoms	• Current Events and Media Literacy • Primary & Secondary Sources: Historical Research, Analysis, and Writing	*History*	• Physical Geography • Human Geography • Maps and Geographic Data • World Religions • American Revolution • Economics • Current Events and Media Literacy	• Primary & Secondary Sources: Historical Research, Analysis, and Writing

	Grade 7 (Year A)			Grade 8 (Year B)	
Math	**Math 7:** • Number Operations • Expressions • Equations & Inequalities • Ratios, Proportion & Percent • Functions & Graphing • Intro. to Geometry & Measurement • Probability & Statistics	**Pre-Algebra:** • The Real Numbers • Algebraic Expressions • Equations & Inequalities • Ratios, Proportion & Percent • Functions, Graphs, & Linear Equations • Systems of Equations • Intro. to Geometry & Measurement • Probability & Statistics	*Math*	**Foundations of Algebra:** • The Real Numbers • Algebraic Expressions • Equations & Inequalities • Ratios, Proportion & Percent • Functions & Linear Equations • Intro. to Geometry & Measurement • Probability & Statistics	**Algebra:/Honors Algebra** • Algebra Basics • Multi-Step Equations & Inequalities • Ralations & Functions • Linear Equations • Systems of Equations & Inequalities • Exponents & Exponential Functions • Polynomials & Factoring • Quadratic Equations
	Offered both A & B Years			Offered both A & B Years	

Student Support	**Skills for Academic Success**
	This course is highly responsive to students needs and includes designated time for:
	• Focus/Homework
	• Testing Accommodations
	• Retakes and Test Corrections
	• Extra help with core teachers
	• Skills/tools for academic development
	  ◦ Notetaking
	  ◦ Digital Organization
	  ◦ Test Preparation
	  ◦ Study Strategies
	• Skills/Tools for Executive Functioning
	  ◦ Planning
	  ◦ Time Management
	  ◦ Task Initiation
	  ◦ Goal Setting
	• Metacognitive Development
	• Accommodations Workshopping
			Social Emotional Learning	• Structured opportunities for individual, small/whole group exploration
				• Academic/social skills (scenarios, goals, trips, testimony)
				• Preparation for reflection, settling, and quiet listening for weekly Quaker Meeting
					• Interactive modeling
					• Use of language
					• Interactive learning
					• Responsive Advisory Meeting
					• Responsive Classroom
					• Creating community queries
					• Promote brain breaks

Elective Opportunities	• Acting 1 • Acting 2 • Foundations of Art • Mixed Media Arts • Spanish 1 • Robotics 1 • Robotics 2 • General Music	• Musical Performance • Voice • Physical Education • Skills for Academic Success	*Health*	• Effective Communication and Listening Skills • Relationship Choices • Healthy and Unhealthy Relationships	• Responsible Decision-making • Consent • Assault Prevention