

High School Main Lesson & Skills Classes

Main Lessons are listed in **bold text**.

	GRADE 9	GRADE 10	GRADE 11	GRADE 12
MATHEMATICS	<p>Permutations & Combinations Geometry with Algebra 1 Honors Track: Geometry with Algebra 1 and intro to Algebra 2</p>	<p>Pi & Trigonometry Algebra 2 and Trigonometry Honors Track: Algebra 2 and Precalculus</p>	<p>Projective Geometry Precalculus Honors Track: Precalculus & Introduction to Calculus</p>	<p>Introduction to Calculus Calculus and Statistics Honors Track: Calculus, Statistics & Advanced Calculus (Ab or Bc)</p>
SCIENCES	<p>Thermal Physics Human Biology Organic Chemistry Geology Health: Social, Emotional & Physical</p>	<p>Physiology & Neurobiology Acids, Bases & Salts Climate Science Forces & Equilibrium Health: Sexual, Social & Personal</p>	<p>Botany & Ecology Chemistry of the Elements Environmental Ethics Electricity & Magnetism Health: Sexual, Social & Personal</p>	<p>Zoology & Evolution Optics Health: Sexual, Social & Personal</p>
ENGLISH LANGUAGE ARTS & LITERATURE	<p>Comedy & Tragedy Grammar, Novels, Descriptive Writing</p>	<p>History Through Language Novels, Mythology, Analytic Writing, Research Essay</p>	<p>Shakespeare The Quest</p>	<p>American Transcendentalism Russian Literature Senior Play</p>
HISTORY & SOCIAL STUDIES	<p>Early North American Communities History Through Art World Revolutions</p>	<p>Ancient Civilizations Bill Of Rights Classical World Thought</p>	<p>Independence to the 14th Amendment Ethics & Artificial Intelligence</p>	<p>20th Century Political Landscape Ethics & Artificial Intelligence</p>
OVERNIGHT TRIPS	Camping/ Backpacking	Hawthorne Valley Farm	Camphill School	Class trip (e.g., Visiting the Lakota Waldorf School)
ONGOING SKILLS CLASSES	<ul style="list-style-type: none"> World Languages: Spanish, Spanish for Native Speakers, or Independent Study in Established Language Movement Upper School Musical, Choice of Music Elective: Choral or Instrumental 			

High School Intensive Classes

	GRADES 9-12	GRADES 11 & 12 ONLY
MATHEMATICS & TECHNOLOGY	<ul style="list-style-type: none"> • Anatomy of a Computer • Economics • Electronics • Loci & Conic Forms • Matrix Math • Coding Languages 	
SCIENCES	<ul style="list-style-type: none"> • Bridge Building • Human Ecology • Modern Physics 	GRADES 11-12: <ul style="list-style-type: none"> • Advanced Chemistry • Cell Biology GRADE 12: <ul style="list-style-type: none"> • Biochemistry
HISTORY & SOCIAL STUDIES	<ul style="list-style-type: none"> • History through Architecture • History through Music • Global Issues of Our Time 	
ENGLISH LANGUAGE ARTS & LITERATURE		GRADES 11-12 <ul style="list-style-type: none"> • Black & African-American Literature • Dystopian Literature • Good & Evil in Literature • Magical Realism & Social Justice • Modern World Literature • Research Writing Lab GRADE 12: <ul style="list-style-type: none"> • Writing: Interdisciplinary Capstone Project
FINE, PRACTICAL & PERFORMING ARTS	<ul style="list-style-type: none"> • Acting for the Theatre • Book Arts • Clay Modeling • Copper & Leatherwork • Maker Space • Music for the Theatre • Printmaking • Songwriting • Tech for the Theatre • Theatre Arts • Voice Class: Learning to Sing • Woodworking 	GRADES 10-12: <ul style="list-style-type: none"> • Loom Weaving • Watercolor Painting GRADE 12: <ul style="list-style-type: none"> • Oil Painting • Stone Sculpture