

CURRICULUM-AT-A-GLANCE

2021-2022

Arts 1.5 credits	Art: Intro to Studio Art: 2D Intro to Studio Art: 3D Ceramics 1, 2 Drawing & Painting 1, 2 Photography & Digital Art 1, 2 Sculpture 1, 2 Studio Art (Adv) Woodworking 1, 2, 3 (Adv)		Music: Choral Arts 1, 2, 3, 4 (Adv) Jazz Ensemble 1, 2, 3, 4 (Adv) String Orchestra 1, 2, 3, 4 (Adv) Symphonic Band 1, 2, 3, 4 (Adv) Digital Music & Production 1, 2 Intro to Guitar Applied Music 1, 2, 3 (Adv), 4 (Adv)		Theater: Elements of Theater 1, 2 Acting Workshop Theater Arts (Adv) Performing Arts Tutorial (Adv)			
Engineering and Computer Science	Foundation Skills: Computer-Aided Design Intro to Programming Intro to Mechanical Engineering Human-Centered Design		Interdisciplinary Exploration: Web Development Dynamic Application Development Design Engineering		Advanced Applications: Design Engineering Solutions 1 (Adv), 2 (Adv) Computer Science 1 (Adv) Computer Science Research (Adv) Data-Driven Change Deep Dive			
English 4 credits	Required Courses: Perspectives in Literature (9th) Contemporary World Literature (11th) The Essay (12th) American Literature (10) Elective (11th) Elective (12th)			Electives: Classical Connections with Modern Literature Harlem Renaissance Dystopian Literature Writing with Power				
Health .5 credits	Required Courses: Health & Life Skills Junior Seminar Senior Seminar							
History 2 credits	Required Courses: Peace & Justice U.S. History		Electives: Contemporary Affairs Genocide Studies 1 Genocide Studies 2 Latin-American Experience Microeconomics		Macroeconomics Modern Latin-American Experience World History 1300-1800 World History 1800-2000			
Math 3 credits	Required Courses: Algebra 1 Geometry Algebra 2	Recommended for all: Precalculus or Functions with Math Modeling	Electives: Calculus 1 Calculus 2 (Adv) Linear Algebra (Adv) Multivariable Calculus (Adv) Statistics Computer-Aided Design Intro to Programming Website Development Mobile Application Development Computer Science 1					
Religion 1.75 credits	Required Courses: Quakerism in Life & Practice World Religions 1: Judaism & Christianity World Religions 2: Hinduism, Buddhism, Islam			Electives (required to take one): Environmental Justice Religion, Gender, & Sexuality Religion, Resistance, & Revolution				
Science 2 credits	Required Courses: Physics 1 & Chemistry 1 Biology 1 & Biology 2	Biology Electives: Anatomy & Physiology (Adv) Biology of Disease	Physics Electives: Digital Electronics Electricity & Magnetism (Adv) Modern Physics (Adv)	Research: Scientific Research (Adv)	Recommended for all: Physics 2 & Chemistry 2	Chemistry Electives: Applied Chemistry Chemical Bonding (Adv) Chemical Reactions (Adv)	Environmental Science Electives: Environmental Science 1, 2 Environmental Research (Adv)	Engineering Electives: Design Engineering 1, 2
World & Classical Languages 2 credits	Required Courses: 2 years of the same language in grades 9-10: Chinese, Latin, or Spanish 1, 2, French 2,3			Recommended: at least one additional year: Chinese, French, Latin, or Spanish 3, 4 (Adv), 5 (Adv)				