

## CURRICULUM-AT-A-GLANCE

<p><b>Arts</b> 1.5 credits</p>	<p><b>Art</b> Intro to Studio Art: 2D Intro to Studio Art: 3D Ceramics 1, 2, 3 (Adv) Drawing &amp; Painting 1, 2 Performing Arts Tutorial (Adv) Photography &amp; Digital Art 1, 2 Sculpture 1, 2 Studio Art Forum (Adv) Woodworking 1, 2, 3 (Adv)</p>		<p><b>Music</b> 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) From Blues to EDM Digital Music &amp; Production 1, 2 Intro to Guitar Applied Music 1, 2, 3 (Adv), 4 (Adv)</p>	<p><b>Theater</b> Elements of Theater 1 Storytelling &amp; Performance Acting Workshop Theater Arts (Adv) Performing Arts Tutorial (Adv)</p>
<p><b>Engineering &amp; Computer Science (electives)</b></p>	<p><b>Foundation Courses</b> Intro to Mechanical Engineering Intro to Programming Intro to Studio Art 2D or 3D (Arts) From Blues to EDM (Arts)</p>		<p><b>Systems Exploration Courses</b> Website Development Dynamic Application Development Design Engineering</p>	<p><b>Advanced Application Courses</b> Design Engineering Solutions 1,2 (Adv) Computer Science 1 (Adv) Studio Art Forum (Adv) (Arts) Math Independent Research (Adv) Computer Science Indep. Research (Adv)</p>
<p><b>English</b> 4 credits</p>	<p><b>Required Courses</b> Perspectives in Literature (9<sup>th</sup>)      The Essay (12<sup>th</sup>) American Literature (10<sup>th</sup>)      Elective (11<sup>th</sup>) Contemporary World Literature (11<sup>th</sup>)      Elective (12<sup>th</sup>)</p>		<p><b>Electives</b> The Short Story*      Challenging the Literary Canon (Adv) Creative Writing*      Writing &amp; Critical Film Studies*</p>	
<p><b>Health</b> .5 credits</p>	<p><b>Required Courses</b> Health &amp; Life Skills Junior Seminar Senior Seminar</p>			
<p><b>History</b> 2 credits (3 recommended)</p>	<p><b>Required Courses</b> Peace &amp; Justice U.S. History</p>		<p><b>Electives</b> African American Experience*      Gender &amp; Queer Studies* Asian American Studies*      Microeconomics The Cold War and US-China Relations*      Macroeconomics 9/11 and Middle Eastern Relations*      Modern Africa* Modern Asia*</p>	
<p><b>Math</b> 3 credits (4 recommended)</p>	<p><b>Required Courses</b> Algebra 1 Geometry Algebra 2 or Algebra 2 &amp; Trigonometry</p>	<p><b>Recommended for all</b> Precalculus or Functions with Math Modeling</p>	<p><b>Electives</b> Calculus 1      Linear Algebra (Adv) Calculus 2 (Adv)      Multivariable Calculus (Adv) Statistics      Differential Equations (Adv)</p>	
<p><b>Religion</b> 1.75 credits</p>	<p><b>Required Courses</b> Quakerism in Life &amp; Practice World Religions 1 World Religions 2</p>		<p><b>Electives (required to take one)</b> Environmental Justice      Building the Beloved Community Ethics &amp; Philosophy      Gender, Sexuality &amp; World Religions</p>	
<p><b>Science</b> 2 credits (3 recommended)</p>	<p><b>Required Courses</b> Physics 1* Chemistry 1* Biology 1* &amp; Biology 2* <b>Recommended for all</b> Physics 2* Chemistry 2*</p>	<p><b>Biology Electives</b> Anatomy &amp; Physiology (Adv) Molecular Biology (Adv) Biology of Disease Bioethics <b>Research</b> Scientific Research (Adv)</p>	<p><b>Chemistry Electives</b> Chemical Reactions (Adv) Zoology &amp; Biochemistry of Animals* Applied Chemistry</p>	<p><b>Environmental Science Electives</b> Environmental Science 1*, 2* <b>Physics Electives</b> Electricity &amp; Magnetism (Adv) Modern Physics (Adv) Astronomy</p>
<p><b>World &amp; Classical Languages</b> 2 credits (3 recommended)</p>	<p><b>Required Courses</b> Through at least level 2 of the same language in grades 9-10: choose Chinese, Latin, or Spanish</p>		<p><b>Recommended</b> Through at least level 3: Chinese, French, Latin, or Spanish 3, 4 (Adv), 5 (Adv)</p>	