

9th Grade Course Selection Guide

All students must select a total of 8 credits and 3 ALTERNATE courses.

Important Notes: If it is not possible to schedule a student for the elective credits that they have selected as their first choice, students will be scheduled next for a course which they have selected as an alternate. It is recommended that a student select at least 3 additional alternative courses. If no alternative courses are indicated or if the alternatives are not available, students will be scheduled for the first available elective.

9th Grade Required Courses	Required Credits	Practical Arts Graduation Requirement: 1.0 credit			Humanities Graduation Requirement: 1.0 credit			Technology Education Graduation Requirement: 0.5 credit	
English 9	1 credit	Agriculture <i>(All courses are 0.5 credit)</i>	Family Consumer Science <i>(All courses are 0.5 credit)</i>	Business <i>(All courses are 0.5 credit)</i>	Art <i>(All courses are 0.5 credit)</i>	Music	World Language <i>(All courses are 1 credit)</i>	Technology Education <i>(All courses are 0.5 credits)</i>	Computer Science <i>(All courses are 0.5 credits)</i>
Math	1 or 2 credits	Agriculture Science	Family Consumer Science	Career Exploration	Design	<i>These courses are 1 credit</i>	French I	Engineering and Design Technology	Robotics
Science	1 credit	Agricultural Mechanics		Computer Applications I	Drawing	Orchestra	Honors French II	Home Repair	Introduction to Programming I
Government	1 credit	Introduction to Horticulture		Computer Applications II	Media Arts	Marching Band	Spanish I	Design and Prototyping I	Computer Programming II
Health & Physical Education	0.5 credit	Companion Animal Care		Entrepreneurship	<i>**Anything below this point has pre-requisites**</i>	Concert Band	Honors Spanish II	CADD	
		Equine Studies		Accounting I	Painting I	Chorus		Design and Prototyping II	
Total Preloaded Credits	4.5 or 5.5			Accounting II	Advanced Design	Marching Band & Chorus		Networking Basics	
		Health & Physical Education Electives <i>Note: Health & Physical Education 9 are pre-requisites for these courses. (All courses are 0.5 credit)</i>				<i>These courses are 0.5 credit</i>			
Mathematics Sequences		Creative Movements Team Sports I Water Safety & Sports Lifetime Sports			Media Arts II	Color Guard			
8th Grade	9th Grade				Ceramics	Musical Theatre			
Math 8	Alg. I Linear & Quadratics					Music in Film			
Math 8	Alg. I Quad (optional adding Geometry or Alg II)					Intro. To Piano			
Quadratics	Honors Alg. II (optional adding Honors Geometry)					Intro. To Percussion			
		English Electives <i>(All courses are 0.5 credit)</i>				Music Theory			
						Music Appreciation & History			
		Creative Writing							

10th Grade Selection Guide

All students must select a total of 8 credits and 3 ALTERNATE courses.

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10th Grade Required Courses	Required Credits	Practical Arts Graduation Requirement: 1.0 credit			Humanities Graduation Requirement: 1.0 credit			Technology Education Graduation Requirement: 0.5 credit	
English 10	1 credit								
Math	1 credit								
Science	1 credit								
World History	1 credit								
Health & Physical Education 10	0.5 credit								
Total Preloaded Credits	4.5								
Mathematics Courses (1 credit each, be sure to check the prerequisites)	Science Courses (1 credit each, be sure to check the prerequisites)								
Geometry	Biology								
Honors Geometry	Honors Biology								
Applied Mathematics	Chemistry								
Algebra II	Honors Chemistry								
Honors Algebra II	(All course are 0.5 credit)								
College Algebra	Honors Environmental Science								
Pre-Calculus	Chemistry in the Physical World								
Honors Pre-Calculus	Planetary Science								
Applied Calculus	Astronomy								
Probability & Statistics	Dinosaurs & Mass Extinctions								
AP Calculus AB	Climate & Weather								
(All course are 0.5 credit)	Plants & Animals of Pennsylvania								
Financial Math									
Trigonometry									
Math Sequencing - Recommended		Science Sequencing - Recommended			Social Studies Sequencing - Recommended			Drivers Education - 0.5 credit	
9th Grade	10th Grade	9th Grade	10th Grade		9th Grade	10th Grade		Navy JROTC - 3 credit	
Algebra I Linear & Quad	Geometry & Applied Math OR Algebra II	Honors Biology	Honors Chemistry		Honors Government	AP World History OR Academic World History			
Algebra I Quad & Algebra II	Geometry & (Probability/ Stats OR Applied Math)	Honors Environmental Science	Honors Biology & Optional Honors Chemistry or Chemistry		Academic Government	Academic World History			
Algebra II & Geometry	Pre-Calc OR Probability & Stats OR College Algebra OR Financial Math	Environmental Science & Earth Science	Biology		Government	World History			
Honors Geometry & Honors Algebra II	Honors Pre-Calculus OR Pre-Calc OR Probability & Stats OR College Algebra OR Financial Math*								

11th Grade Selection Guide 2026/ 2027

All students must select a total of 8 credits and 3 ALTERNATE courses.

Important Notes: If it is not possible to schedule a student for the elective credits that they have selected as their first choice, students will be scheduled next for a course which they have selected as an alternate. It is recommended that a student select at least 3 additional alternative courses. If no alternative courses are indicated or if the alternatives are not available, students will be scheduled for the first available elective.

12th Grade Selection Guide 2026/ 2027

All students must select a total of 8 credits and 3 ALTERNATE courses.

Important Notes: If it is not possible to schedule a student for the elective credits that they have selected as their first choice, students will be scheduled next for a course which they have selected as an alternate. It is recommended that a student select at least 3 additional alternative courses. If no alternative courses are indicated or if the alternatives are not available, students will be scheduled for the first available elective.