



Graduation Pathways

The following slides include the Academic and Career Pathways which OCA students may choose to achieve high school graduation and meet their postsecondary goals.



Individualized Academic Pathway

Subject	9th Grade	10th Grade	11th Grade	12th Grade
English	English 9	English 10	English 11	English 12
Mathematics	Algebra I	Geometry	Algebra 2 or Advanced Quantitative Reasoning	Additional Math (Required)
Science	Physical Science	Biology	Chemistry, Earth or Conservation Science	Science Elective
Social Studies	US History	Modern World/ Social Studies (Required)	American Government	Social Studies Elective
Electives	Career Planning/ Personal Finance* (Required)	Education Technology (Required)	Elective (Required) World Languages recommended, not required	Elective (Required)
Electives	Physical Education/ Health (Required)	Fine Arts (Required)	Elective (Required)	Elective

*The Career Planning and Skill Development and Personal Finance courses fulfill the Financial Literacy component required by the state of Ohio. Students may choose to complete Internship and Work Study in lieu of Career Planning and Skill Development.

Honors Diploma Pathway

Subject	9th Grade	10th Grade	11th Grade	12th Grade
English	English 9	English 10	English 11	English 12
Mathematics	Algebra I	Geometry	Algebra 2	Precalculus or Statistics
Science	Physical Science	Biology	Chemistry	Physics
Social Studies	US History	Modern World/ Social Studies (Required)	American Government	Social Studies Elective (Required)
Electives	Career Planning/ Personal Finance* (Required)	Education Technology (Required)	Fine Arts (Required)	Elective (Required)
Electives	Physical Education/ Health (Required)	World Language I	World Language II	World Language III

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→ GPA must be 3.5 or higher (unweighted) and ACT score 27+ or SAT 1280+. Honors or AP can be considered for core subjects.

Advanced Placement (AP) Pathway

Subject	9th Grade	10th Grade	11th Grade	12th Grade
English	Honors English 9	Honors English 10	AP English Language	AP English Literature
Mathematics	Algebra I	Geometry	Algebra 2	AP Statistics
Science	Physical Science	Biology	Chemistry	AP Biology
Social Studies	US History	Modern World/ AP Psychology	AP American Government	AP United States History
Electives	Career Planning/ Personal Finance* (Required)	Fine Arts (Required)	AP Computer Science (Ed Tech requirement)	AP Human Geography
Electives	World Language I	World Language II	World Language III	World Language IV
	Physical Education/ Health (Required)			

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Subject	9th Grade	10th Grade	11th Grade	12th Grade
English	English 9	English 10	English Composition I (3 CCP Credits)	English 12 or AP English Literature
Mathematics	Algebra I	Geometry	Algebra 2	College Algebra (4 CCP Credits)
Science	Physical Science	Biology	Chemistry	Physics
Social Studies	US History I (3 CCP Credits)	Modern World/ Social Studies (Required)	American Government	General Psychology (3 CCP Credits)
Electives	Career Planning/Personal Finance* (Required)	Effective Public Speaking (3 CCP Credits)	Education Technology (Required)	Fine Arts (required)
Electives	World Language I	World Language II	World Language III	World Language IV
	Physical Education/ Health (Required)			

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Subject	9th Grade	10th Grade	11th Grade	12th Grade
English	English 9	English 10	English Composition I (3 CCP Credits)	Intro to Literature (3 CCP Credits)
Mathematics	Algebra I	Geometry	Algebra 2	College Algebra (4 CCP Credits)
Science	Physical Science	Biology	Chemistry	Physics
Social Studies	US History I (3 CCP Credits)	Western Civilization I (3 CCP Credits)	American Federal Government (3 CCP Credits)	General Psychology (3 CCP Credits)
Electives	Career Planning/Personal Finance* (Required)	Interpersonal Communications (3 CCP Credits)	Effective Public Speaking (3 CCP Credits)	Trigonometry (3 CCP Credits)
Electives	Physical Education/Health (Required)	Education Technology (Required)	Fine Arts (required)	
Electives	World Language I	World Language II	World Language III	World Language IV

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Career Center Dual Enrollment Pathway

Subject	9th Grade	10th Grade	11th Grade	12th Grade
English	English 9	English 10	English 11	English 12
Mathematics	Algebra I	Geometry	Algebra 2	Additional Math (Required)
Science	Physical Science	Biology	Chemistry, Earth or Conservation Science	
Social Studies	US History	Modern World/ Social Studies (Required)	American Government	
Electives	Career Planning/ Personal Finance* (Required)	Fine Arts (Required)	Career Center Course	Career Center Course
Electives	Physical Education/ Health (Required)	Education Technology (Required)	Career Center Course	Career Center Course

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Career Pathway: Information Technology Programming Focus

Subject	9th Grade	10th Grade	11th Grade	12th Grade
English	English 9	English 10	English 11	English 12
Mathematics	Algebra I	Geometry	Algebra 2	Additional Math (Required)
Science	Physical Science	Biology	Chemistry, Earth or Conservation Science	
Social Studies	US History	Modern World/ Social Studies (Required)	American Government	
Electives	Career Planning/ Personal Finance* (Required)	Physical Education/ Health (Required)	Fine Arts (Required)	AP Computer Science
Electives (Required)	Database Applications	Web Design I	Java Programming I & II	Information Technology Capstone

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Career Pathway: Information Technology Gaming Focus

Subject	9th Grade	10th Grade	11th Grade	12th Grade
English	English 9	English 10	English 11	English 12
Mathematics	Algebra I	Geometry	Algebra 2	Additional Math (Required)
Science	Physical Science	Biology	Chemistry, Earth or Conservation Science	
Social Studies	US History	Modern World/ Social Studies (Required)	American Government	
Electives (<u>All</u> Required)	Career Planning/ Personal Finance*	Physical Education/ Health	Fine Arts	Information Technology Capstone
Electives (<u>All</u> Required)	Intro to Computer Applications	Web Design I	Game Design I	Game Design II

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Career Pathway: Business & Admin Services Entrepreneurship Focus

Subject	9th Grade	10th Grade	11th Grade	12th Grade
English	English 9	English 10	English 11	English 12
Mathematics	Algebra I	Geometry	Algebra 2	Additional Math (Required)
Science	Physical Science	Biology	Chemistry, Earth or Conservation Science	
Social Studies	US History	Modern World/ Social Studies (Required)	American Government	
Electives (<u>All</u> Required)	Career Planning/ Personal Finance*	Physical Education/ Health	Fine Arts	Business Capstone
Electives (<u>All</u> Required)	Intro to Computer Applications/ Business Info Systems	Advertising & Sales Promotion Intro to Business	Introduction to Finance	Entrepreneurship: Starting Your Own Business

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Career Pathway: Business & Admin Services Administrative Service Focus

Graduation Pathways

Subject	9th Grade	10th Grade	11th Grade	12th Grade
English	English 9	English 10	English 11	English 12
Mathematics	Algebra I	Geometry	Algebra 2	Additional Math (Required)
Science	Physical Science	Biology	Chemistry, Earth or Conservation Science	
Social Studies	US History	Modern World/ Social Studies (Required)	American Government	
Electives (<u>All</u> Required)	Career Planning/ Personal Finance*	Physical Education/ Health	Fine Arts	Business Capstone
Electives (<u>All</u> Required)	Intro to Computer Applications/ Business Info Systems	Administrative Duties & Office Management Intro to Business	Human Resource Management	Business Communications (Recommended)

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Career Pathway: Business & Admin Services Leadership & Marketing Focus

Graduation Pathways

Subject	9th Grade	10th Grade	11th Grade	12th Grade
English	English 9	English 10	English 11	English 12
Mathematics	Algebra I	Geometry	Algebra 2	Additional Math (Required)
Science	Physical Science	Biology	Chemistry, Earth or Conservation Science	
Social Studies	US History	Modern World/ Social Studies (Required)	American Government	
Electives (<u>All</u> Required)	Career Planning/ Personal Finance*	Physical Education/ Health	Fine Arts	Business Capstone
Electives (<u>All</u> Required)	Intro to Computer Applications/ Business Info Systems	Advertising & Sales Promotion Intro to Business	Human Resource Management	Leadership & Supervision in Business

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4 Year College Pathway

Subject	9th Grade	10th Grade	11th Grade	12th Grade
English	English 9	English 10	English 11	English 12
Mathematics	Algebra I	Geometry	Algebra 2	Precalculus
Science	Physical Science	Biology	Chemistry	Physics
Social Studies	US History	Modern World/ Social Studies (Required)	American Government	AP Social Studies (Recommended)
Electives	Career Planning/ Personal Finance* (Required)	Physical Education/ Health (Required)	Education Technology (Required)	Fine Arts (Required)
Electives	World Language I	World Language II	World Language III	World Language IV

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→ Honors or AP should be considered for core subjects.



Subject	9th Grade	10th Grade	11th Grade	12th Grade
English	Honors English 9	Honors English 10	Honors English 11 or AP English Language	AP English Literature
Mathematics	Honors Algebra I	Honors Geometry	Honors Algebra 2	Honors Precalculus or AP Math
Science	Honors Physical Science	Honors Biology	Honors Chemistry	Honors or AP Science
Social Studies	Honors US History	Honors Modern World/ Social Studies (Required)	AP American Government	AP United States History
Electives	Career Planning/ Personal Finance* (Required)	Physical Education/ Health (Required)	Education Technology (Required)	Fine Arts (Required)
Electives	World Language I	World Language II	World Language III	World Language IV

*The Career Planning and Skill Development and Personal Finance courses fulfill the Financial Literacy component required by the state of Ohio. Students may choose to complete Internship and Work Study in lieu of Career Planning and Skill Development.