



Academic & Career

PLANNING GUIDE



Our Mission

At Owego Apalachin we are committed to educating our students to be prepared for their next adventure. Regardless if their pathway leads to the military, trade school, community college or university, we strive to give each student the tools they need to be successful.

We are focusing on incorporating 21st century skills and advanced literacies into our teaching. We want our students to communicate, understand and access while also being skilled in critical thinking, collaboration and creativity. Our approach will help create a future labor supply that is engaged, motivated and team-oriented.

Our Plan

Through academic excellence, students encounter increased numbers of opportunities, which lead to successful careers. Here's our approach:

ACADEMICS

- Courses designed to meet possible careers
- Develop advanced literacies in our students

OPPORTUNITIES

- Community service and service learning
- Enrichment, exposure, job shadowing, mentoring, and internships

CAREERS

- Required advanced literacies
- Collaboration, communication
- Knowledge-based economy
- Critical-thinking skills

Meaningful Partnerships

Regional businesses are crucial to our plan. By creating strong partnerships that give students opportunities to shadow, volunteer, and intern, we're creating experiences where Owego Apalachin students can combine in-school education with real hands-on learning.

Building Relationships

Our schools are the heart and hub of our community. They're also a source of diverse talent. By working together, not only can we create authentic experiences for students to learn and grow their skills, but also provide opportunities to establish meaningful relationships that could lead to future employment right here with our partners in the Southern Tier.

For more information on specific courses, please see the Course Catalog.

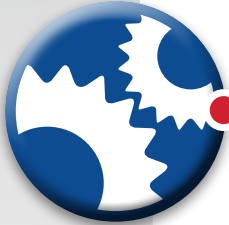
Our Pathways*

At Owego Apalachin, we are focusing on six distinct avenues of study that allow students to align their skills with an area of interest.



HEALTHCARE

Students are able to study the traditional sciences, such as earth science, biology, chemistry and physics, along with anatomy & physiology, personal health & hygiene, psychology and sociology, as well as more focused disciplines like forensics.



ENGINEERING

Our STEAM Academy covers a broad range of subjects, available to students beginning at the earliest ages. Whether it's working in a 3-D lab, on vex robotics, coding or aquaponics, our students are embracing this real-world learning model.



AGRICULTURE

With a resurgence on the importance of sustainability, agriculture has emerged as a focus for students at Owego Apalachin. Our STEAM Academy contains several specific areas of study, in conjunction with Cornell Cooperative Extension and Broome-Tioga BOCES. The study of agriculture, food, and natural resources involves biology and genetics, engineering, physics, chemistry, math, geology/hydrology, and other scientific fields, and at OA, they are all in play.



INFORMATION TECHNOLOGY

Our student IT employee program provide a chance for students to receive on-the-job training. Offerings in energy and green technology, manufacturing processes, video game design and digital art are just a few areas of study available to students at Owego Apalachin.



HUMANITIES

Students can choose from course work ranging from psychology, sociology and digital citizenship, to various art selections (art exploration, studio in art, intro to photography and digital photography), both traditional and performance, as well as classes delving into music theory and appreciation, creative writing and public speaking.

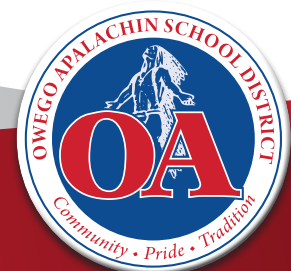


BUSINESS / FINANCE

The areas of business and finance cross over into other areas, such as information technology, core STEAM offerings and the humanities. But this pathway also hits on some more specific areas of study for our students to explore, such as marketing and advertising, principles of sports management, and career and financial management.

*Ask about our CTE Options currently under development:

- Building Construction Systems
- Advanced Manufacturing
- Public Relations / Communications





Career & College Planning Timeline

It's never too early to start focusing on your future and making plans on how you will accomplish your goals. Regardless of what pathway you choose, these important steps will help you to reach your desired destination.

GRADE 7 Plan

- Complete interest inventory
- Explore interests
- Concentrate on organization skills
- Get involved in extra curricular activities

GRADE 8 Prepare

- Plan and Prepare
- Career Cruising: Interest inventory (Strengths, weaknesses, skills)
- Transition planning to HS - small group scheduling meetings, HS Grad requirements, course selection
- Understanding HS Grad Requirements
- Choose a fine arts elective for 9th grade

GRADE 9 Explore

- Get involved in clubs
- Explore skills: strengths/weaknesses
- Introduce and understand pathways
- Choose an elective for 10th grade

GRADE 10 Advocate

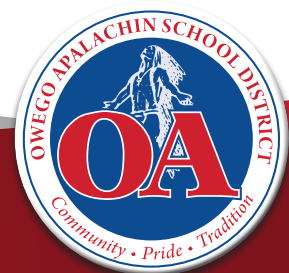
- Attend Career Expo at Binghamton University
- Stay involved in extracurriculars
- Conference with Pathway Teacher liaison
- Gain work and/or community service experience

GRADE 11 Visit

- Stay involved in your community
- Seek leadership positions
- Identify potential references/recommenders
- Continue to build your personal network
- Create a calendar of application and scholarship deadlines
- **Higher Education**
 - compile list of potential schools
 - visit potential schools
 - Educate yourself about ACT/SAT exams
- **Employment**
 - Review resume templates
 - Identify potential employers in your field
 - Explore job shadowing opportunities
- **Military**
 - Explore branches of the military
 - Visit recruiting station in Vestal
 - Take ASVAB exam

GRADE 12 Decide

- Maintain your grades and extracurricular activity involvement
- Complete applications and submit
- Attend Senior Planning Night
- Seek letters of recommendation from your network
- Take advantage of scholarship opportunities



Pathways



HEALTH / MEDICAL / SCIENCE PATHWAY

Area of Study	Grade 9	Grade 10	Grade 11	Grade 12
English	English 9 English 9A	English 10 English 10A	English 11 AP Language	English 12 AP Literature
Social Studies	Global I	Global II AP World History	US History AP US History	PIG / Economics
Math	Algebra Geometry*	Geometry Algebra II*	Algebra II Math 12*	Math 12 College Calculus* College Statistics
Science	Earth Science Chemistry*	Living Environment	Chemistry Physics*	Physics
LOTE	Spanish II French II	Spanish III French III	Spanish IV Spanish IV	Spanish V
PE/Health	PE	PE Health	PE	PE
Science Advanced Coursework		College Chemistry Anatomy & Physiology		AP Biology
Electives		Personal Health & Fitness Fitness and Conditioning AP Psychology	Psychology Sociology Personal Health & Fitness AP Psychology Fitness and Conditioning	

Key: * — Accelerated Courses — for students that earn a high school credit in a subject area while in 8th grade. An example student who takes Algebra I in 8th grade would then take geometry in 9th grade.

■ — Advanced Placement courses with college credit potential

■ — College Credits through TC3 or RIT

STUDENT FOCUSED

Building YOUR Career Pathway.



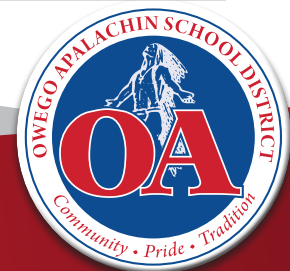
STEAM / ENGINEERING PATHWAY

Area of Study	Grade 9	Grade 10	Grade 11	Grade 12
English	English 9 English 9A	English 10 English 10A	English 11 AP Language	English 12 AP Literature
Social Studies	Global I Global IA	Global II AP World History	US History AP US History	PIG / Economics
Math	Algebra Geometry*	Geometry Algebra II*	Algebra II Math 12*	Math 12 College Calculus*
Science	Earth Science Chemistry*	Living Environment	Chemistry Physics*	Physics
LOTE	Spanish II French II	Spanish III French III	Spanish IV Spanish IV	Spanish V
PE/Health	PE	PE Health	PE	PE
Math Advanced Coursework			College Statistics	College Calculus College Statistics
Science Advanced Coursework		College Chemistry Astronomy	Environmental Science	AP Biology
Engineering Electives	Manufacturing Process I & II Computer Aided Manufacturing	DDP I & II Intro to Engineering & Design Civil Engineering & Architecture		Principles of Engineering
Information Tech Electives	Manufacturing Process I & II	Photoshop Digital Art	Video Game Design Video Production	Graphic Design
CTE Options	Advanced Manufacturing and Building Construction Systems			

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INFORMATION TECHNOLOGY PATHWAY

Area of Study	Grade 9	Grade 10	Grade 11	Grade 12
English	English 9 English 9A	English 10 English 10A	English 11 AP Language	English 12 AP Literature
Social Studies	Global I Global IA	Global II AP World History	US History AP US History	PIG / Economics
Math	Algebra Geometry*	Geometry Algebra II*	Algebra II Math 12*	Math 12 College Calculus*
Science	Earth Science Chemistry*	Living Environment	Chemistry Physics*	Physics
LOTE	Spanish II French II	Spanish III French III	Spanish IV Spanish IV	Spanish V
PE/Health	PE	PE Health	PE	PE
Math Advanced Coursework			College Statistics	College Calculus College Statistics
Science Advanced Coursework		College Chemistry	College Chemistry	College Chemistry AP Biology
Information Tech Electives			Microsoft Office Video Game Design Video Production Graphic Design	
CTE Option		Public Relations / Communications		

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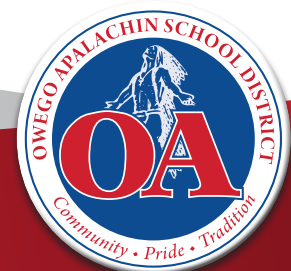
AGRICULTURE SCIENCE PATHWAY

Area of Study	Grade 9	Grade 10	Grade 11	Grade 12
English	English 9 English 9A	English 10 English 10A	English 11 AP Language	English 12 AP Literature
Social Studies	Global I Global IA	Global II AP World History	US History AP US History	PIG / Economics
Math	Algebra Geometry*	Geometry Algebra II*	Algebra II Math 12*	Math 12 College Calculus*
Science	Earth Science Chemistry*	Living Environment	Chemistry Physics*	Physics
LOTE	Spanish II French II	Spanish III French III	Spanish IV Spanish IV	Spanish V
PE/Health	PE	PE Health	PE	PE
Math Advanced Coursework			College Statistics	College Calculus College Statistics
Agriculture Electives		Intro to Agriculture Animal Health Plant Science Technologies Environmental Science		
Business / Finance Electives		Career Financial Management Marketing / Advertising Accounting		

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HUMANITIES / FINE ARTS PATHWAY

Area of Study	Grade 9	Grade 10	Grade 11	Grade 12
English	English 9 English 9A	English 10 English 10A	English 11 AP Language	English 12 AP Literature
Social Studies	Global I Global IA	Global II AP World History	US History AP US History	PIG / Economics
Math	Algebra Geometry*	Geometry Algebra II*	Algebra II Math 12*	Math 12 College Calculus*
Science	Earth Science Chemistry*	Living Environment	Chemistry Physics*	Physics
LOTE	Spanish II French II	Spanish III French III	Spanish IV Spanish IV	Spanish V
PE/Health	PE	PE Health	PE	PE
Math Advanced Coursework			College Statistics	College Calculus College Statistics
Humanities Electives		ELA: College Academic Writing / Approaches to Literature / Public Speaking / Creative Writing Social Studies: AP Psychology / AP Human Geography / Psychology / Sociology Science: Forensics / Astronomy / Environmental Science		
Fine Arts Electives	Art: Studio Art / Photoshop / Digital Photography Music: Wind Ensemble / Symphonic Band / Jazz Band / Treble Choir / Concert Chours / Chamber Singers / Music Theory I / Music Theory II / Music Appreciation			

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STUDENT FOCUSED

Building YOUR Career Pathway.



BUSINESS / FINANCE PATHWAY

Area of Study	Grade 9	Grade 10	Grade 11	Grade 12
English	English 9 English 9A	English 10 English 10A	English 11 AP Language	English 12 AP Literature
Social Studies	Global I Global IA	Global II AP World History	US History AP US History	PIG / Economics
Math	Algebra Geometry*	Geometry Algebra II*	Algebra II Math 12*	Math 12 College Calculus*
Science	Earth Science Chemistry*	Living Environment	Chemistry Physics*	Physics
LOTE	Spanish II French II	Spanish III French III	Spanish IV Spanish IV	Spanish V
PE/Health	PE	PE Health	PE	PE
Math Advanced Coursework			College Statistics	College Calculus College Statistics
Business / Finance Electives		Career Financial Management Microsoft Office Marketing / Advertising Principles of Sports Management Accounting Business Math Public Speaking		

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