



(352) 556-2869

**10360 Atlanta Avenue
Weeki Wachee, FL 34614**

2026-2027 Curriculum

Academic Course Offerings & Curriculum Guide

Middle School STEM & Aerospace Program

7th Grade – Building & Programming Machines

Focuses on robotics, where students design, build, and program their own machines.

8th Grade – Exploring Flight & Beyond

Highlights aerospace engineering and space exploration through interactive flight systems activities.

High School STEM, Aviation & Space

9th Grade – Aerospace: The Journey of Flight

An introductory course exploring aerospace, aviation, and engineering, emphasizing STEM fundamentals, aviation history, and career pathways.

9th Grade – Intro to Space

Explores the fundamentals of space flight technology, from the origins of the universe to modern and future U.S. space missions, including spacecraft systems, commercial space, and astronaut training.

Onsite Dual Enrollment - *Spring 2027*

AS120 Principles of Aeronautics

Broad-based aviation orientation for non-Aeronautical Science degree programs; historical developments in aviation; theory of flight; airport operations; aircraft systems and performance; air navigation; basic meteorology; air traffic principles; flight physiology; aviation regulations, safety.

UNSYS 220 Uncrewed Aircraft Systems

Survey of uncrewed aircraft systems (UAS); military and commercial history; growth; UAS applications; basic acquisition, use, operation of UAS with emphasis on operations.



High School Core Academic Curriculum

When available: Standard textbooks published by either McGraw or Pearson; Advanced textbooks by Gonzaga; Adapted Special Education Curriculum by AGS

English & Language Arts

- English 1 / English 1 Gonzaga / English 1 Honors
- English 2 / English 2 Gonzaga / English 2 Honors
- English 2 AP Seminar
- English 3 Regular / English 3 Dual Enrollment / English 3 AP Language & Composition
- English 4 Regular / English 4 Dual Enrollment / English 4 AP Literature & Composition

Mathematics

- Algebra 1 / Algebra 1 Gonzaga / Algebra 1 Honors
- Geometry / Geometry Gonzaga / Geometry Honors
- Algebra 2 / Algebra 2 Honors
- Algebra 3
- Pre-Calculus Regular / Pre-Calculus Honors
- Calculus Honors / AP Calculus AB / AP Calculus BC
- Probability & Statistics / AP Probability & Statistics

Science

- Physical Science
- Biomedical Science (PLTW)
- Biology / Biology Honors / AP Biology
- Chemistry / Chemistry Honors / AP Chemistry
- Physics / Physics Honors / AP Physics
- Anatomy and Physiology (Regular & Honors)
- AP Environmental Science
- Astronomy
- Sports Medicine



Social Studies

- World Geography / Freshman Seminar
- World History (Regular & Honors) / AP World History
- US History (Regular, Honors, Dual Enrollment) / AP US History
- American Government / AP Comparative Government & Politics / AP US Government & Politics
- Economics / Ethics, Economy, and Entrepreneurship (EEE)
- Honors Philosophy / Psychology / Sociology / Street Law / Evolution of Popular Culture

Theology & Philosophy

- Theology 1: Understanding The Scriptures & Biblical Foundations
- Theology 2: Salvation History & Church Heritage
- Theology 3: Sacraments & Christian Morality
- Theology 4: Moral Life in Christ & Applied Catholic Ethics
- Introduction to Logic

World Languages

- French 1, 2, 2 Honors, 3 Honors, 4 Honors
- Spanish 1, 2, 2 Honors Heritage, 3 Honors, 4 Honors
- Conversational Spanish 3 & 4 Honors
- AP Spanish Language & AP Spanish Literature
- American Sign Language (ASL 1, 2, 3 Honors, 4 Honors)

Electives, Business & Fine Arts

- Business: Introduction to Accounting, General Business Studies, Personal Finance
- Communication: Public Speaking
- Music & Performance: Guitar 1 & 2 (Dual Enrollment), Piano & Advanced Piano, Music Theory & Composition, Rock Music & Culture (Dual Enrollment)
- Arts & Physical Education: Playwriting, Screenwriting & Directing; Fashion Design 1 & 2; Personal Health and Wellness



Adapted Special Education Curriculum

(American Guidance Service / AGS Adapted Program)

English & Communication

- AGS Basic English Grammar (Grades 6–8 / 9)
- AGS Basic English Composition (Grades 7–9)
- AGS Life Skills English (Grades 9–12)
- AGS American Literature (Adapted High School)
- AGS World Literature (Adapted High School)
- AGS British Literature (Adapted High School)

Mathematics & Quantitative Literacy

- AGS Basic Math Skills (Grades 6–8)
- AGS Mathematics: Concepts and Applications (Grades 7–9)
- AGS Pre-Algebra (Grades 8–10)
- AGS Algebra 1 & Algebra 2 (Adapted High School)
- AGS Geometry (Adapted High School)
- AGS Consumer Mathematics & Financial Literacy (Grades 10–12)

Science

- AGS Earth Science (Grades 6–8)
- AGS Life Science (Grades 7–9)
- AGS Physical Science (Grades 8–10)
- AGS Biology: Cycles of Life (Grades 9–11)
- AGS Chemistry (Adapted High School)
- AGS Environmental Science (Adapted High School)

Social Studies & Civics

- AGS World Geography & Cultures (Grades 7–9)
- AGS World History (Grades 9–11)
- AGS United States History (Grades 9–12)
- AGS United States Government & Civics (Grades 10–12)
- AGS Economics (Grades 11–12)



Life Skills & Health

- AGS Discover Health & Wellness (Grades 6–8)
- AGS Life Skills Health (Grades 9–12)
- AGS Everyday Life Skills & Community Living (Grades 9–12)
- AGS Career Pathways & Job Readiness (Grades 10–12)

High School Graduation Requirements:

Our Lady of Fatima Academy follows the **Florida Department of Education graduation standards for the 24-credit standard high school diploma**, while also offering a **Scholars/Honors Diploma track** for students seeking a more rigorous academic program.

Students must maintain a **minimum cumulative GPA of 2.0** and meet academic and assessment requirements established by Florida standards.

Standard High School Diploma

- **24 Credits Required**
- Students must complete **24 academic credits** in grades 9–12.
- **English Language Arts — 4 Credits**
 - English I
 - English II
 - English III
 - English IV

Courses emphasize literature, analytical writing, research, and communication.

Mathematics — 4 Credits

Required courses include:

- Algebra I
- Geometry

Two additional mathematics credits such as:

- Algebra II
- Pre-Calculus
- Trigonometry



Students must complete **one mathematics course during their senior year.**

Science — 3 Credits

Required courses include:

- Biology I

Two additional science courses with laboratory components such as:

- Physical Science
- Macro Biology
- Earth /Space Science Embry Riddle
- Astronomy
- Chemistry
- Physics
- Anatomy/Physiology
- Forensic Science

Social Studies — 3 Credits

- World History — 1 credit
- United States History — 1 credit
- United States Government — 0.5 credit
- Economics — 0.5 credit

Economics includes **financial literacy instruction using the Dave Ramsey Foundations in Personal Finance curriculum.**

Fine Arts — 1 Credit

Students must complete one credit in:

- Art
 - Music
 - Performing Arts
 - Practical Arts
 - Speech or Debate
 - Career and Technical Education
-



Physical Education — 1 Credit

Students must complete a physical education course or equivalent physical activity requirement.

Electives — 8 Credits

Electives allow students to pursue interests and career pathways.

Examples include:

- Forensic Science I
 - Forensic Science II
 - Macro Biology
 - Psychology I
 - Psychology II
 - Spanish I
 - Spanish II
 - Theology courses
 - Technology courses
 - Fine Arts courses
-

Community Service Requirement

Students pursuing the **Standard Diploma** must complete:

- **100 hours of documented community service** prior to graduation.

Community service may include volunteer work with:

- churches
 - nonprofit organizations
 - community outreach programs
 - school service initiatives
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Scholars / Honors Diploma

- **28 Credits Required**
- Students pursuing the Scholars Diploma complete **a more rigorous academic program consisting of 28 credits.**



- In addition to the standard diploma requirements, Scholars Diploma students must complete:
- Additional advanced coursework including Honors-level classes.

Possible additional credits may include:

- Advanced mathematics
- Advanced science courses
- Additional foreign language credits
- Additional elective coursework in academic disciplines

Community Service Requirement for Scholars Diploma

Students pursuing the **Scholars/Honors Diploma must complete:**

- **200 hours of documented community service** prior to graduation.
- These hours should demonstrate leadership, service to others, and engagement with the community.

Diploma Distinction

Students who successfully complete the Scholars Diploma track will graduate with the designation:

- **"Scholars Diploma with Honors."**

This distinction reflects:

- completion of an advanced academic program
- additional coursework
- commitment to community service

Online Learning Requirement

- Florida graduation requirements include **completion of at least one course incorporating online learning.**

This requirement is met through the use of digital instructional platforms including:

- Acellus Learning System



- Khan Academy
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Typical Four-Year High School Course Pathway:

Grade 9

- English I
 - Algebra I
 - Physical Science
 - Cultural Geography
 - Spanish I
-

Grade 10

- English II
 - Geometry
 - Biology
 - World History
 - Spanish II
-

Grade 11

- English III
 - Algebra II
 - Chemistry
 - United States History
 - Elective options may include:
 - Psychology
 - Forensic Science I
-

Grade 12

- English IV
 - Pre-Calculus or Trigonometry
 - Physics, Anatomy & Physiology, or Forensic Science II
 - Government / Economics
-

Graduation Ceremony

- Students who meet all academic and service requirements will be awarded the **Our Lady of Fatima Academy High School Diploma**.
- Students completing the advanced program will receive the designation **Scholars Diploma with Honors**



K–12 Academic Pathway:

Elementary School

Kindergarten

Reading

- Reading Skills and purposeful design reading

Language Arts

- Phonics and early writing
- Intro to Foreign language(s)

Mathematics

Science

Social Studies

- Community and family

Fine Arts

- Art
 - Music
-

Grade 1

Reading

- Reading Skills and purposeful design reading

Language Arts

- Grammar and writing foundations
- Foreign language(s)

Mathematics

Science

Social Studies

- Community and citizenship



Fine Arts

- Art
 - Music
-

Grade 2

Reading

- Reading Skills and purposeful design reading

Language Arts

- Grammar and writing development
- Foreign language(s)

Cursive/Penmanship

Mathematics

Science

- Earth and life science

Social Studies

- Early American history

Fine Arts

- Art
 - Music
-

Grade 3

Reading

- Reading Skills and purposeful design reading
- Literature book studies

Language Arts

- Writing and grammar
- Foreign language(s)

Cursive/Penmanship

Mathematics



Science

- General science

Social Studies

- World Geography

Fine Arts

- Art
 - Music / Instrumental introduction
-

Grade 4

Reading

- Reading Skills and purposeful design reading
- Literature book studies

Language Arts

- Writing and grammar
- Foreign language(s)

Cursive/Penmanship

Mathematics

Science

- Earth science

Social Studies

- United States of America history

Fine Arts

- Art
 - Music / Instrumental
-

Grade 5

Reading

- Reading Skills and purposeful design reading
- Literature book studies



Language Arts

- Writing and grammar
- Foreign language(s)

Cursive/Penmanship

Mathematics

Science

- Life and environmental science

Social Studies

- United States of America history

Fine Arts

- Art
- Music / Instrumental

Middle School

Grade 6

English

- Writing & Grammar
- Vocabulary
- Literature studies

Language

- Foreign language(s)

Mathematics

Science

- Environmental Science

History

- World history

Electives

- Art



- Music / Instrumental
 - Technology
-

Grade 7

English

- Writing & Grammar
- Vocabulary
- Literature studies

Language

- Foreign language(s)

Mathematics

Science

- Life Science

History

- World History

Electives

- Art
 - Music / Instrumental
 - Technology
-

Grade 8

English

- Writing & Grammar
- Vocabulary
- Literature studies

Language

- Foreign language(s)

Mathematics

Science

- Earth & Space Science



History

- American Republic

Electives

- Art
 - Music / Instrumental
 - Technology
-

High School

Grade 9

English I

- Writing & Grammar
- Literature studies

Mathematics

- Algebra I

Science

- Physical Science

History

- Cultural Geography

Foreign Language

- *Language (I)*

Electives

- Art
 - Music / Instrumental
-

Grade 10

English II

- Literature and composition

Mathematics

- Algebra II/Geometry



Science

- Biology

History

- World History

Foreign Language

- *Language II*

Electives

- Art
 - Music / Instrumental
-

Grade 11

English III

- American Literature

Mathematics

- Algebra II/Geometry

Science (*Choose One*)

Chemistry

OR

Forensic Science I

History

- United States History

Electives

- Psychology I
 - Music / Instrumental
-



Grade 12

English IV

- Advanced Literature and Composition

Mathematics

- Pre-Calculus or Trigonometry

Science (*Choose One*)

Physics

OR

Anatomy & Physiology

OR

Forensic Science II

History

- U.S. Government
- Economics / Personal Finance (Dave Ramsey)

Electives

- Psychology II
- Music / Instrumental

Diploma Tracks

Standard Diploma

- 24 Credits
- 100 Community Service Hours

Scholars / Honors Diploma

- 28 Credits
- 200 Community Service Hours

Graduation requirements align with **Florida Department of Education and CPALMS standards.**