

Liberty Middle School Curriculum Night: Rising 8th Grade

January 24, 2024

Welcome

Adam Erbrecht
Principal

Student Engagement After School Programs

- Providing a safe, supervised space for students to explore interests, grow and create connections with their peers, school and community
- Starts mid-September; open enrollment all year
- Monday - Friday, 2:25 PM - 5:00 PM
- Late Buses offered Mondays, Wednesdays, Thursdays, and Fridays
- Funded by a grant from FCPS and Fairfax County - No cost to families to attend
- Variety of Clubs and Activities in Sports, Fine Arts, STEM, Civic, Academics and Recreation
- VIP Camp offered during the Summer
- Information can be found on Schoology Site, School Website, and through “News You Choose”

Sandy Donlon, After-School Specialist

Student Engagement Middle School Sports

- First year of FCPS Middle School Sports
- Cross Country in the Fall; Track and Field in the Spring
- Cross Country/Track Coordinator - Taren Suraci , tasuraci@fcps.edu
- **Interest Meeting for Track - Wed. January 31st during Unity Time**
 - Requirements - Completed physical; registration; and medical insurance
 - Practices Mon/Wed starting 2/21; Meets - Saturdays, Mid-April to Mid-May
- '24-'25 - Additional sports - TBD
- Check your Liberty Ledger for updates

Sandy Donlon, After-School Specialist
sldonlon@fcps.edu

Student Services Department

Renee Pete, Director of Student Services

Victoria Reyes, Student Services Assistant

Shirley Alvarez-Leon, Counselor (Navigators)

Scott Steele, Counselor (Pride)

Rachel Lee, Counselor (Explorers)

Raychal Hart, Counselor (Patriots)

Academic Advising Overview

DECEMBER - JANUARY

*Students learn about their course options for next year through a presentation by the school counselors during PE classes.

*Use the course planning tool to have a conversation with your student about their classes for next year:

JANUARY - FEBRUARY

*Counselors will continue with their academic advising process to guide students on making appropriate course selections. Feb 5 - students will make course selections in Student Vue during Unity Time

8th Grade Schedule



- ☐ English 8
- ☐ Math
- ☐ Civics
- ☐ Science
- ☐ Health & PE 8
- ☐ 2 Electives
- ☐ Unity Time

FCPS Advanced Academics Programs



All students need **challenging and engaging** learning experiences that honor and build on individual **strengths**.

AAP provides different **levels of service** to match each student's current needs. The goal of AAP is to help **ALL** students reach their **academic potential**.

Goals of the Advanced Academics Programs



AAP Classes

Full-Time Level IV services
in all core subjects

Honors Classes (1-4)

Open access to increased
rigor and challenge

Standard Classes

Access to rigor and
developing thinking skills

Depth
&
Com-
plexity

Honors Classes

In all 26 middle schools

Open Access to Honors courses- available in four core subjects	Students select Honors in 1, 2, 3, or 4 core classes	Students learn with others who also selected advanced courses	Teachers differentiate to meet students' academic needs	Teachers participate in AAP Professional Learning
--------------------------------------------------------------------------------------	-------------------------------------------------------------------------	------------------------------------------------------------------------------	-------------------------------------------------------------------------------	------------------------------------------------------------------------------

Students eligible for full-time AAP services may choose to stay at their base school and take Honors courses.

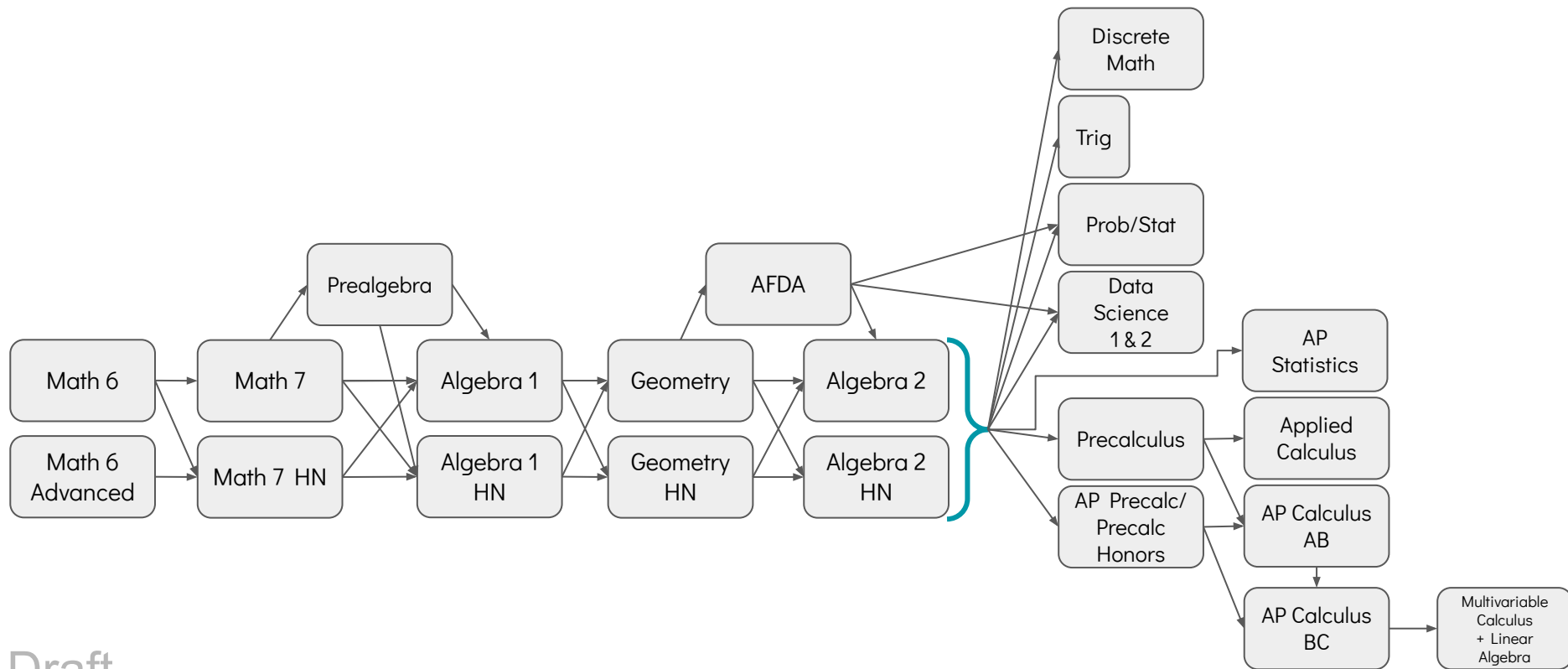
Why Honors?!

- Enhance Learning Experience
- Intellectual Growth
- Skill Development
- Access to Advanced Topics
- Personal Fulfilment



*Honors classes are
offered in the 4 core
subjects
AND
Open Enrollment for ALL
students!*

Math Pathways Grades 6 - 12 (AP)



Draft

**Options may vary by pyramid.*

8th Grade Math Courses

Pre-Algebra

Algebra 1

Algebra 1
Honors

Geometry
Honors

Course Options for Students Currently Enrolled In Math 7

Please review the 2 options that your 7th grade child has for 8th grade math. Click on the title of the course to learn more.

OPTION #1

8th Grade Course	9th Grade Course
Pre-Algebra (Grade 8 SOL)	**Alg. 1/Alg. 1 Honors (Algebra SOL)

OPTION #2

8th Grade Course	9th Grade Course
**Algebra 1 or Algebra 1 Honors (Algebra SOL)	**Geometry or Geometry Honors (Geometry SOL)

***Algebra 1 is an End of Year High School Course and requires a passing grade and passing SOL score to graduate high school with a Standard Diploma.*

Course Options for Students Currently Enrolled In Math 7 Honors

Please review the 2 options that your 7th grade child has for 8th grade math.. Click on the title of the course to learn more.

OPTION #1

8th Grade Course	9th Grade Course
**Algebra 1 (Algebra SOL)	**Geometry or Geometry Honors (Geometry SOL)

OPTION #2

8th Grade Course	9th Grade Course
**Algebra 1 Honors (Algebra SOL)	**Geometry 1 Honors (Geometry SOL)

***Algebra 1 and Geometry are End-of-Year High School Courses and require a passing grade and passing SOL score to graduate high school with a Standard Diploma.*

Pre-Algebra Information

VDOE Pre-Algebra Description

- ❑ Grade-level math course (there is no “Pre-Algebra Honors” course).
- ❑ 10 units of study across various mathematical topics.
- ❑ Builds on the concepts of number sense, proportional reasoning and Algebraic thinking from 7th grade math.
- ❑ Emphasis on problem-solving skills and strategies.
- ❑ Builds on the foundation necessary for algebra.

Pre-Algebra is an appropriate course for students who will benefit from additional exposure and practice with skills necessary for the foundation to take Algebra successfully in high school.

Pre-Algebra students in 8th grade will take Algebra 1 in 9th grade.

Algebra 1 Information

VDOE Algebra Description

- ❑ High-school credit 9th grade math course.
- ❑ Grade will appear on students' high school transcripts.
- ❑ 12 units of study of algebraic concepts.
- ❑ Students will skip over Pre-Algebra.
- ❑ Mastery of Algebra is critical to student success in future high school math courses.

Algebra 1 in 8th grade is an appropriate course for students with average to strong foundational math skills who are willing to enroll in a high-school credit course.

Algebra 1 students in 8th grade will take Geometry or Geometry Honors in 9th grade.

Alg. 1 Honors Information

VDOE Algebra Description

- ❑ High-school credit 9th grade math course.
- ❑ Grade will appear on students' high school transcripts.
- ❑ 10 units of study of algebraic concepts.
- ❑ Students will cover the Algebra curriculum as well as extension topics.
- ❑ Mastery of Algebra is critical to student success in future high school math courses.

Algebra 1 Honors in 8th grade is an appropriate course for students with strong foundational math skills, who are willing to enroll in a high-school credit course, and who are curious to learn more about math and the way it works.

Algebra 1 Honors students in 8th grade will take Geometry or Geometry Honors in 9th grade.

Geometry Honors Information

VDOE Geometry Description

- ❑ Offered to eligible students only.
- ❑ High-school credit 10th grade math course.
- ❑ Grade will appear on students' high school transcripts.
- ❑ 10 units of study.
- ❑ Geometry focuses heavily on logic and reasoning, problem solving, and foundational mathematics for Algebra 2 and Calculus

Geometry in 8th grade is an appropriate course for students who have taken Algebra 1 Honors in 7th grade and successfully completed it.

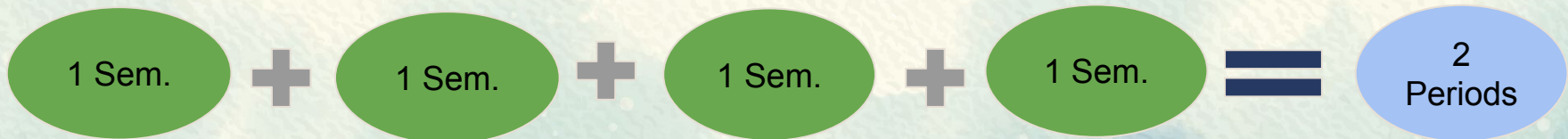
Geometry Honors students in 8th grade will take Algebra 2 Honors in 9th grade.

**Expunging HS credit
classes taken in MS!!!**

Elective Options

*Students have TWO elective periods to fill.

*Some electives are **full year** and some are **semester** classes.



Full Year Electives

★ Korean 1*

★ Korean 2*

★ Korean Immersion 2*

★ Spanish*

★ German*

★ Band

★ Chorus

★ Orchestra

* High School credit

- Family & Consumer Science 2
- Career Search and Investigations
- Theatre Arts Appreciation
- Tech Theatre
- Advanced Theatre Arts
- Engineering Design and Modeling
- Engineering Simulation and Fabrication
- Coding and Innovative Technology 1
- Coding and Innovative Technology 2
- Computers in Art
- 3D Art Exploration
- Yearbook/Literary Magazine

Semester Electives



Next Steps...

STEP 1

Use the course planning tool to talk to your child about the core and elective classes they would like to take next year.

- ☐ Select Core Classes
- ☐ Review Honors information
- ☐ Select elective options

LIBERTY MIDDLE SCHOOL 2024-2025 8th Grade Course Selection Planning Tool

To view more information about the courses offered, please visit our [website and course catalog](#).

REQUIRED COURSES

☐ English 8 or ☐ English 8 Honors*
☐ Civics 8 or ☐ Civics 8 Honors*
☐ Science 8 or ☐ Science 8 Honors*
☐ Pre-Algebra or ☐ Algebra 1 or ☐ Algebra 1 Honors* or ☐ Geometry Honors*

Note: Algebra 1, Algebra 1 H, and Geometry H are High School credit classes. Use this Math sequencing chart:

7th Grade	Math 7	Math 7 Honors	Algebra Honors*	Geometry Honors*
8th Grade	PreAlgebra Algebra 1* Algebra 1 Honors*	Algebra 1* Algebra 1 Honors*	Geometry Honors*	Algebra 2 Honors* (online)

☐ X Health & PE 8

***Placement in Honors classes is a full-year commitment.** Liberty Middle School offers Honors courses in mathematics, social studies, science, and English. FCPS encourages students to access the Honors program by taking at least one Honors course. In carefully considering Honors placement, students should display a genuine interest and a willingness to learn in the specific subject area(s). Students should also take initiative to locate and research answers to their own questions in order to learn and solve problems.

ELECTIVES

The remaining two classes are to be filled from the following elective choices: Two (2) full-year electives; one (1) full-year and two (2) semester electives; or four (4) semester electives. NOTE: Inadequate staffing and/or enrollment may cause course cancellation.

FULL-YEAR ELECTIVES

☐ Band*
☐ Orchestra*
☐ Chorus*

*Placement by LMS Music teachers.

☐ Spanish 1
☐ German 1
☐ Korean 1
☐ Korean 2
☐ Korean Immersion 2

Note: World Language courses are High School credit classes.

SEMESTER ELECTIVES

Please number electives in order of preference, 1-12.

Due to space limitations, we may not be able to honor all requests.

☐ Computers in Art
☐ 3D Art Exploration

Next Steps...

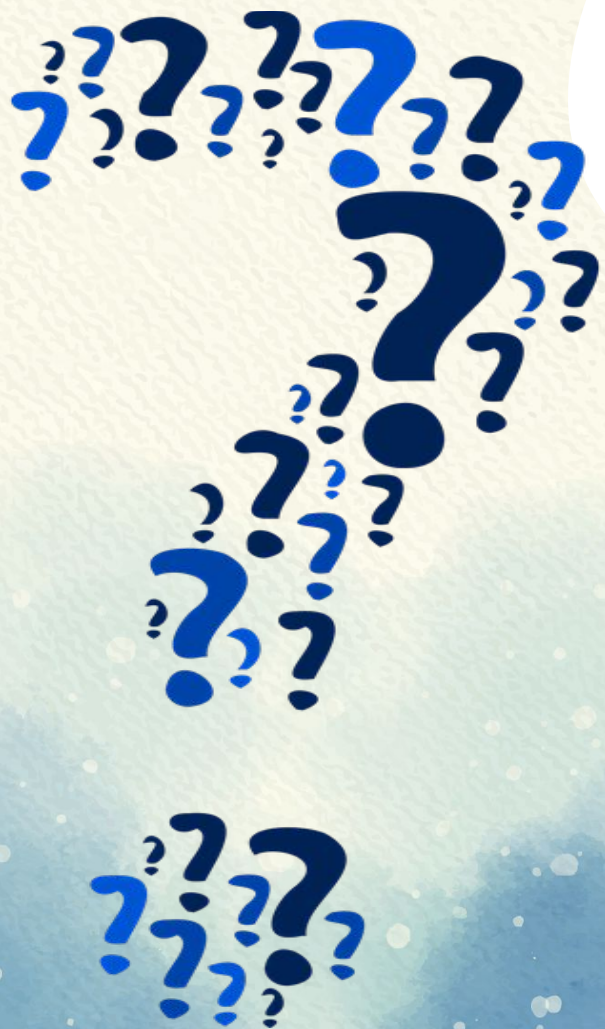
STEP 2

Your student will enter their course selections in SIS Student Vue on Monday, February 5th during Unity Time. Students will meet with their counselor in the weeks following to review their selections.

Liberty Middle School website

All of our curriculum
presentations will be online!
You will be able to view this
Curriculum Night
Presentation and watch
videos from each department
at our school.





If you have questions following tonight's presentation or throughout the course selection process, your student's counselor can help you navigate!

Parent VUE



Course Information Fair



[illegible]