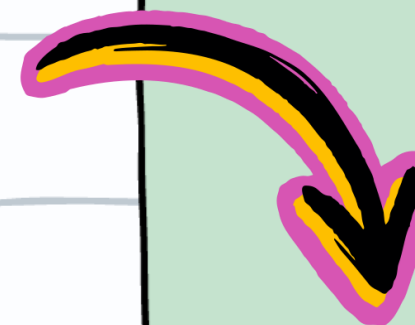


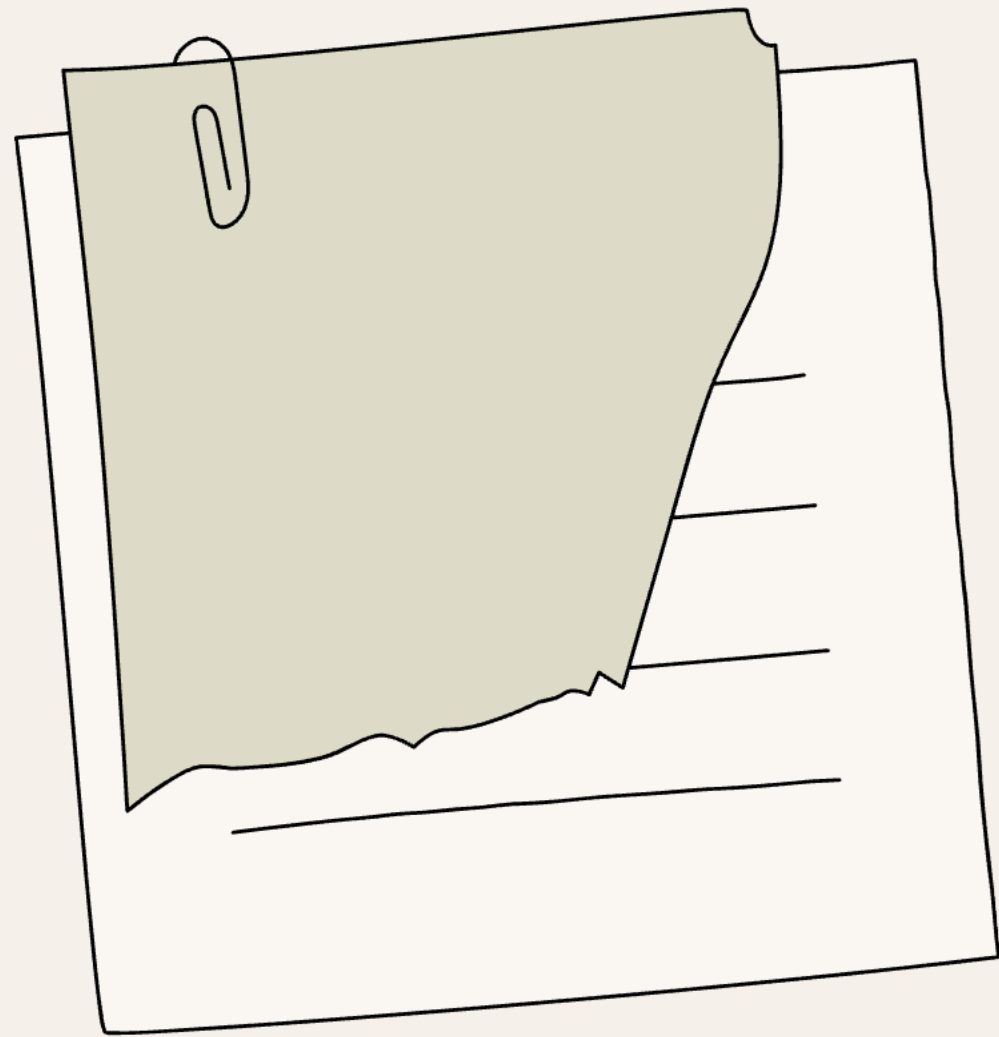
2025 Course

! of Study
Updates



Office of Curriculum and Instruction

January 14, 2025



The Process for Proposing New Courses

- Proposed during the fall for the next school year
- Proposals are based on both student and staff surveys
- Must be connected to Board/building goals
- Connected to a pathway that has been identified- art, business, communications/media, computer science, cultural studies, culinary education, education, math, music, science, technology and or theater
- Pathway Scope and Sequence Document is posted online with our Course of Study Booklet

2025-2026 Additions to the Course of Study



Mathematics

Addition of Core Content Math Courses:

AP Pre Calculus

AP Calculus AB

Applied Calculus for Business and Science A/H

Addition of Math Electives through new Pathways
(semester courses)

Business Statistics

Cyber Security

Mathematics

2025-2026

Secondary Math 2025-2026 Course Sequence

| Grade | Course 1 | Course 2 | Course 3 | Course 4 | Course 5 |
|----------|-------------------------|--------------------------------|--|--|--|
| Grade 12 | Multivariable Calculus | AP Statistics | Core Math Course and/or Math Elective(s) | | College Math or Transitional Math or Math Elective |
| Grade 11 | AP Calculus (BC Part 2) | AP Calculus (AB) or Calculus A | Core Math Course | Algebra 2 A or R and/or Data Science A/H and/or Quantitative Reasoning A/H | Geometry Concepts |
| Grade 10 | AP Calculus (BC Part 1) | AP Precalc or Precalc A | Algebra 2 A or R and/or Data Science A/H and/or Quantitative Reasoning A/H | Geometry (H, A or R) | Algebraic Concepts 2 |
| Grade 9* | Algebra 2/ Trig H | Algebra 2 A | Geometry (H, A or R) | Algebra 1 (Enriched Algebra A or R) | Algebra 1 Concepts |
| Grade 8 | Geometry | | Algebra 1 | 8th Grade Math | 8th Grade Math Resource Room |

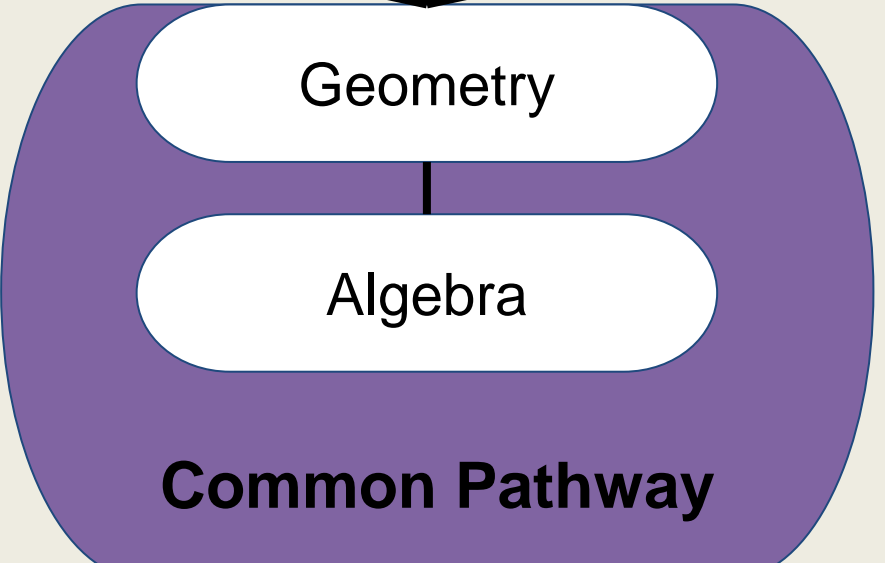
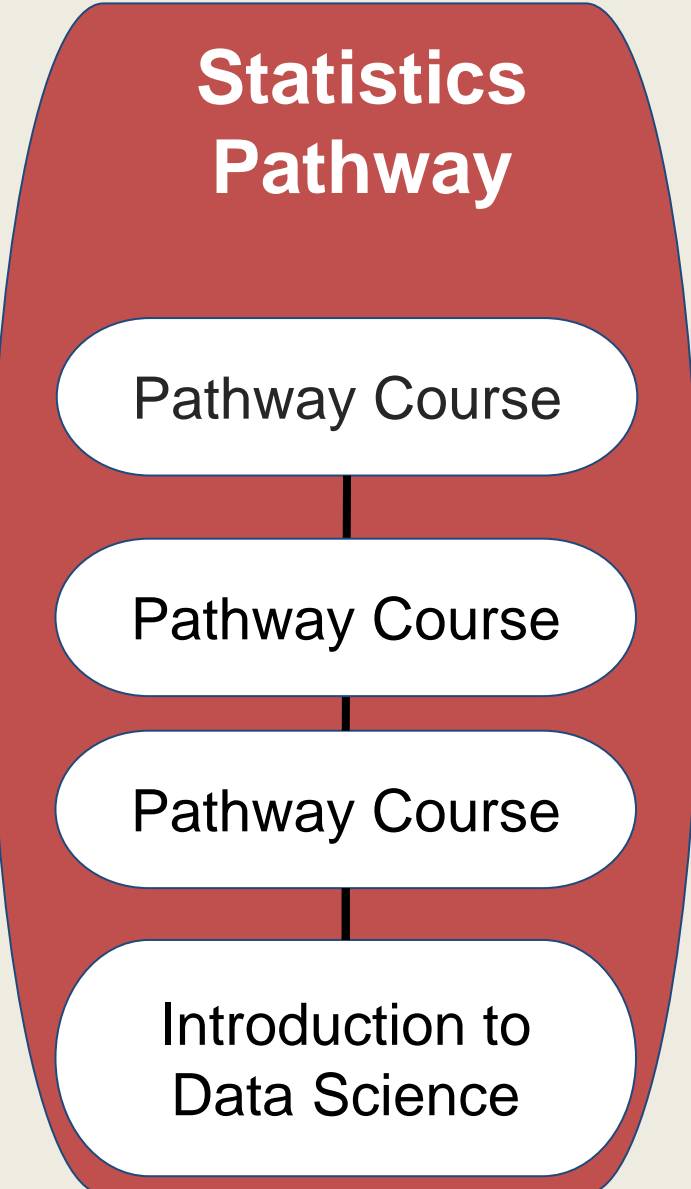
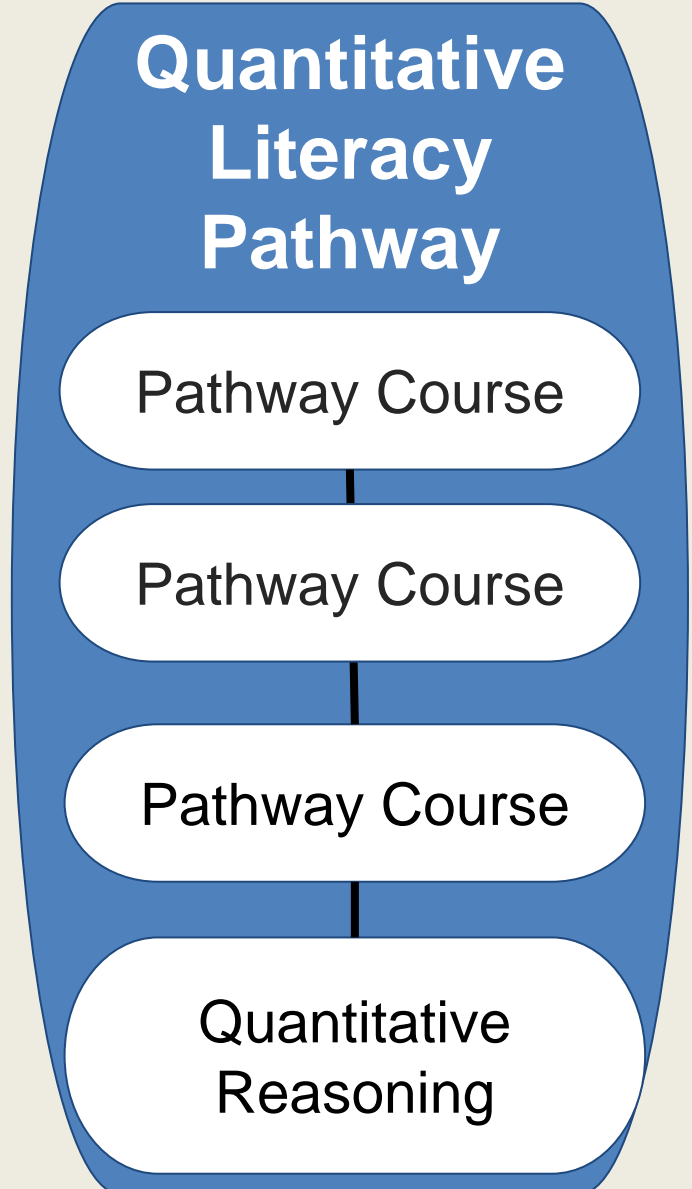
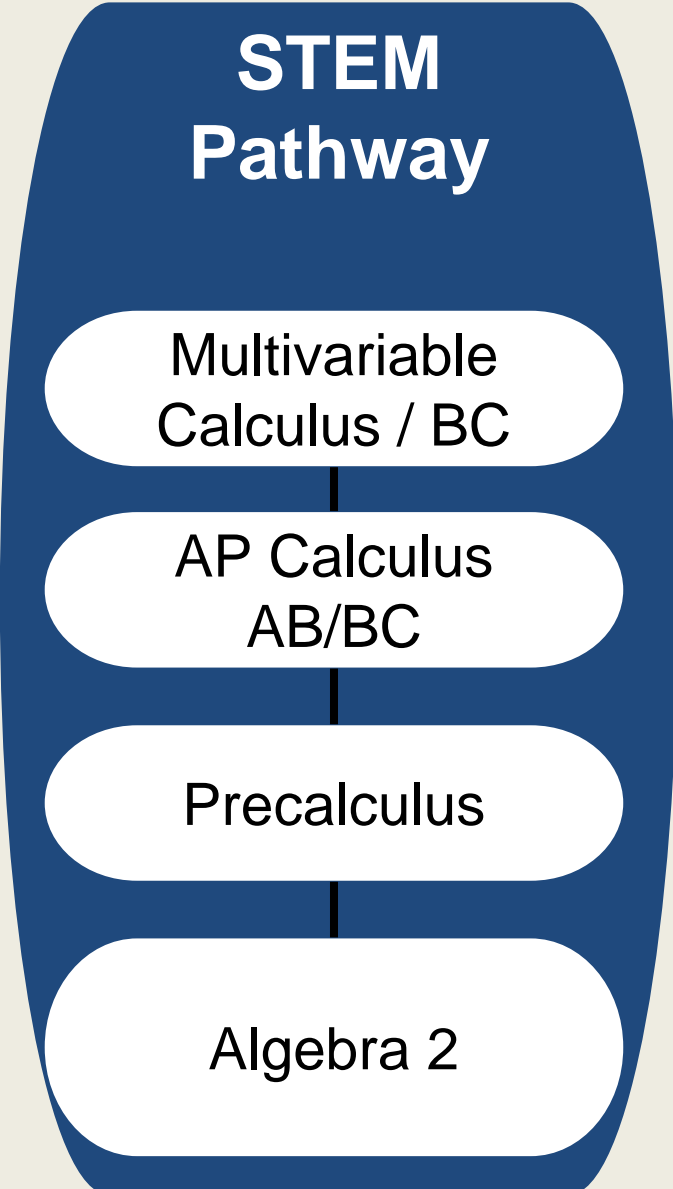
*Due to federal graduation testing requirements, students who have completed Geometry by 8th grade must take Algebra 2 or an equivalent in 9th grade. All students must take Algebra 1 and Geometry, followed by a third year of math that builds upon the other courses.

| Core Math Courses | Grades |
|---|--------|
| Algebra 1 | 7-9 |
| Geometry H, A, R | 8-10 |
| Algebra 2/Trig H** | 9-10 |
| Algebra 2 A or R** | 10-12 |
| Data Science** | 10-12 |
| Quantitative Reasoning** | 10-12 |
| Precalculus A | 10-12 |
| Calculus A | 11-12 |
| Trigonometry R | 11-12 |
| Applied Calculus for Business and Science A/H | 10-12 |
| AP Computer Science A** | 10-12 |
| AP Precalculus | 10-12 |
| AP Statistics | 10-12 |
| AP Calculus (BC Part 1) | 10-11 |
| AP Calculus (BC Part 2) | 11-12 |
| AP Calculus (AB) | 11-12 |
| Intro to College Math R | 12 |
| Multivariable Calculus H | 12 |

**Meets the requirement for sequential 3rd year of math

| Math Electives | Grades | |
|-------------------------------------|----------------------|-------|
| Business Statistics | 10-12 | |
| Discrete Math | 11-12 | |
| Intro to Computer Science | Computer Programming | 9-12 |
| Cyber Security | | 9-12 |
| AP Computer Science Principles | | 9-12 |
| Advanced Topics in Computer Science | | 11-12 |

College and Career Aspirations



- Pathway Courses**
- AP Statistics (full year)- exists
 - Business Statistics (semester)- New 25-26
 - Cybersecurity (semester)- New 25-26
 - Applied Calculus for Business and Science A/H (full year)- New 25-26
 - AP Pre-Calculus (full year)- New 25-26
 - AP Calculus AB (full year) New 25-26
 - Data Visualization and Manipulation(semester)- New 26-27
 - Geometric Constructions (semester)- New 26-27
 - Adv Algebra and Finance (full year) - New 26-27
 - Algebra 2- Exists
 - Precalculus*- Exists
 - Calculus A*- Exists
 - AP Calculus BC*- Exists
 - Multivariable Calculus*- Exists
- *Prerequisite Required

2025-2026 Additions to the Course of Study



English

Media and Production-Broadcasting IV finishing the broadcasting/filmmaking sequence.

Family Consumer Science

Baking and Pastry Arts (semester) finalizes a 3-course sequence for students who do not want to go into catering or advanced catering, but want to stay with culinary

Interdisciplinary

Career Exploration I (semester)

Career Exploration II (semester)

These are the first of a series of 3 courses that will be required for a student to complete before choosing an internship

2025-2026 Highlights



Mathematics

Discrete Math to a semester allowing for another semester math class.

Algebraic Concepts 1 to Algebra I Concepts making this a full year of Algebra I

Mathematics

Course Title Changes

Pre-Calculus Honors to AP Calculus BC Part 1

Functions H to Algebra 2/Trigonometry H

Geometric Concepts to Geometry Concepts

AP Calculus BC will become Part 2

Removals from the Course of Study Booklet

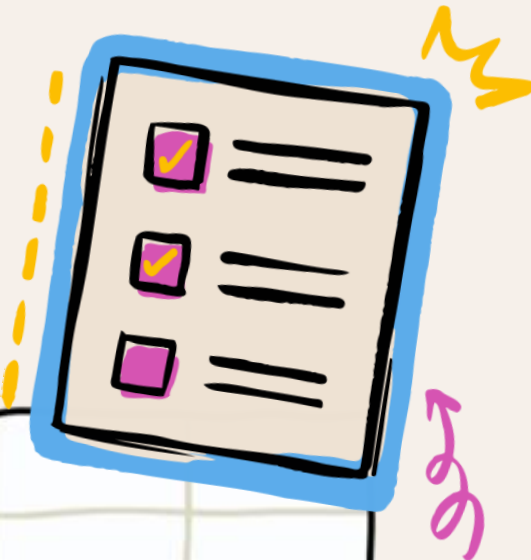
Due to lack of enrollment over the recent 5 years the following
have been removed from the Course of Study:

Advanced Composition

Great Books

Research in Humanities

Scheduling Process



| | 01 | 02 | 03 |
|--|--|---|---|
| | COS Nights at all 3 Middle Schools | Counselor Visitations to Middle Schools | High School Open Houses |
| | January 9-Carusi January 13- Beck January 15- Rosa | January 10-Carusi January 14- Beck January 16- Rosa | January 23- HS West January 30-HS East |

TIMELINE



- Teacher Recommendation inputting: January 17-January 27
- For 8th graders: Open Enrollment and Student requests via the Parent Portal in Genesis from Feb. 7- March 7. Final deadline, as per board policy is July 15.
- Genesis parent portal closed March 7.
- High School Course Requests entered by March 28
- Sectioning begins the week of April 8.

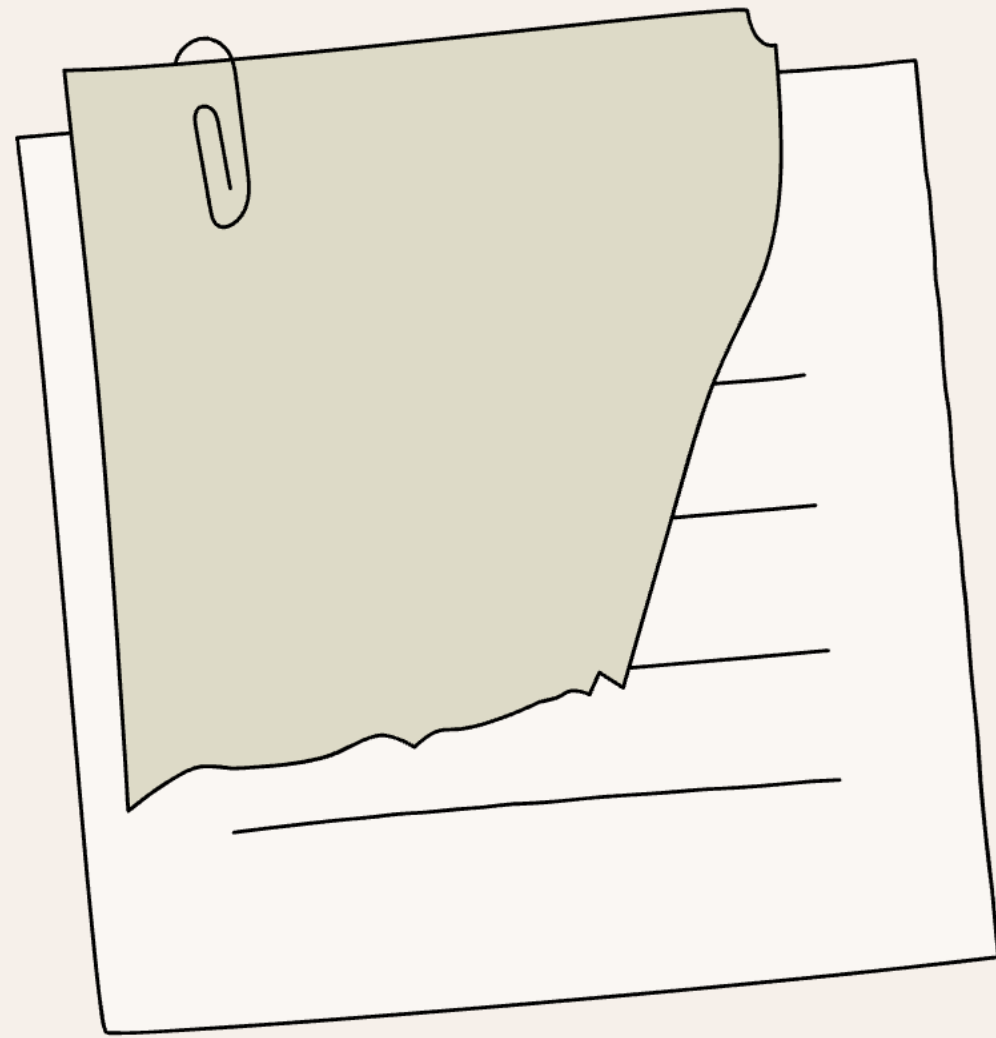


Drop/ADD Highlights



• Any requests for a schedule change from one subject to another or in the designated level must be made by June 30, 2025.

• **DROP/ADD PERIOD** - There will be a drop/add period the first cycle (13 school days) all paperwork must be submitted by the end of the 13th day of school. No requests will be accepted during the first 3 days of school.



Level Changes

- After the drop/add period (13th day of school), students cannot request a level change until the end of the first interim period (mid-October).
- Requests for level changes must have parent/guardian approval, current teacher approval, and must be approved by an administrator.
- Level change requests can be made from the end of the first interim through the end of the first cycle (six days) of the second marking period.
- If you are requesting a level change to a higher level it is recommended that this change be made by the end of the first cycle (six days) of the beginning of the course.



Any
Questions?