

STEM Course Proposal

Bellport High School

South Country Central School District
Board of Education Meeting
December 7, 2022

Goals for Elective Courses

- Provide current and relevant courses for student learning
- Provide increased opportunities for furthering mathematics learning

Today's Proposed Math Department Courses

Explorations in Data Science

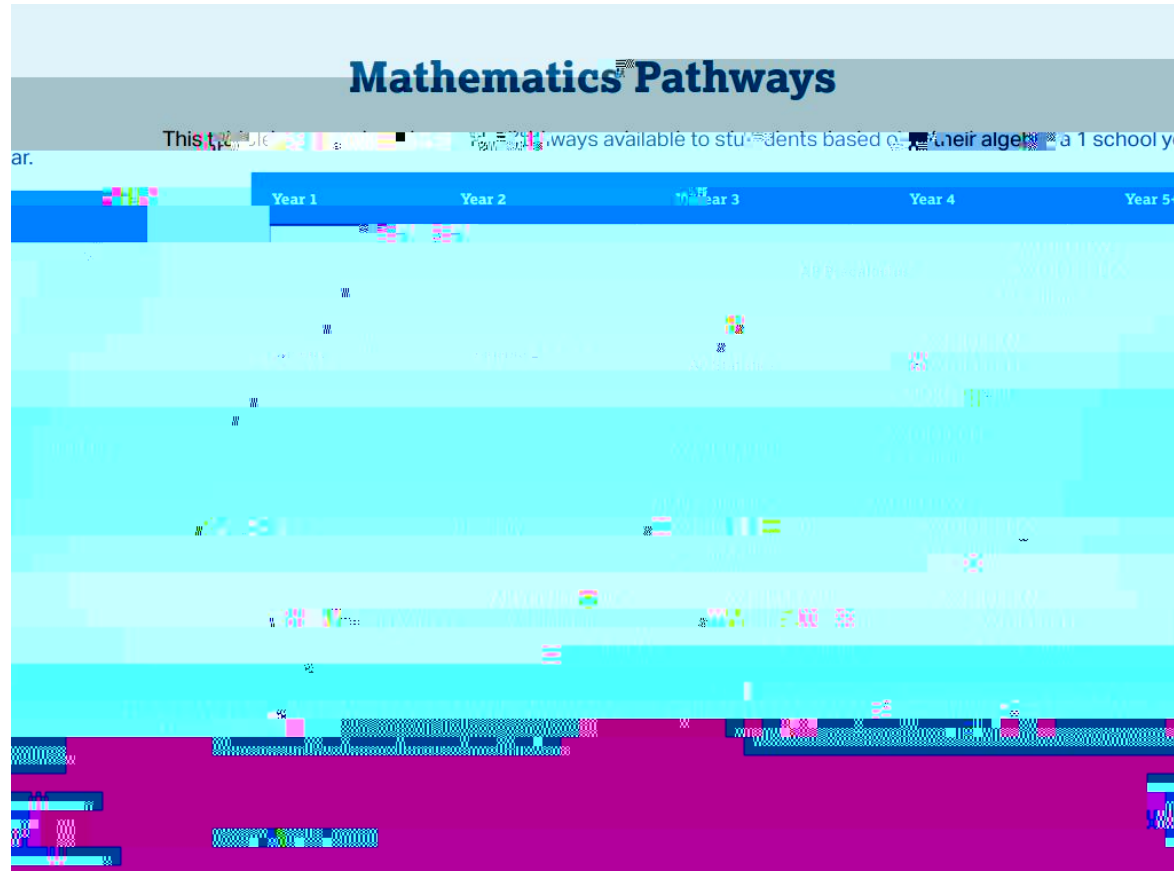
- Nationwide trend
- Gaining traction on Long Island
- Will replace our current College Prep Algebra

Today's Proposed Math Department Courses

Pre-Calculus

- Aligned to offerings of districts across Long Island
- Will replace our current Advanced Algebra

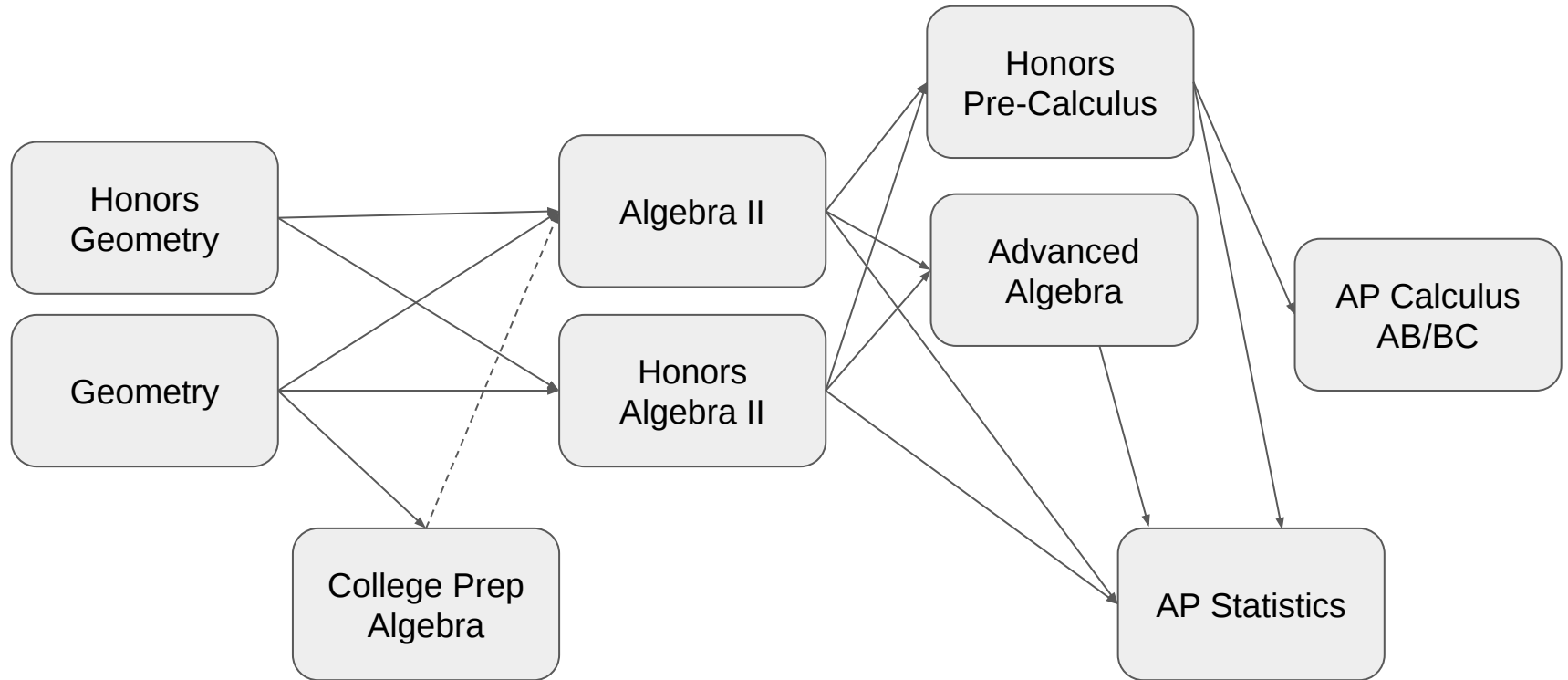
Pathways to AP Pre-Calculus



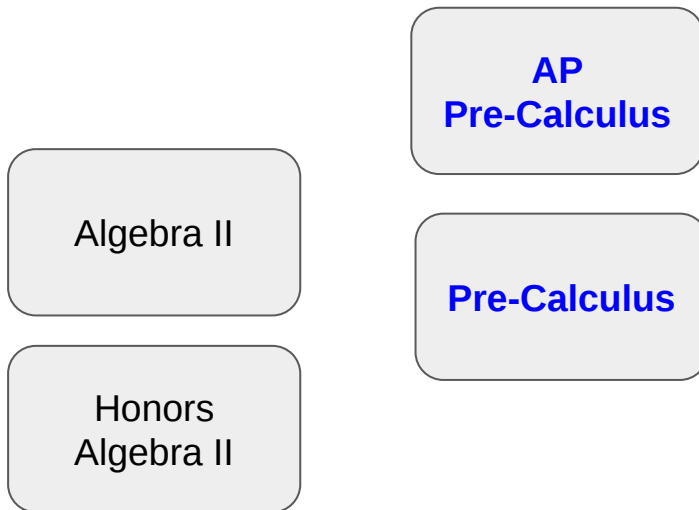
Where does AP Pre-Calculus fit in our program?

- AP Pre-Calculus will replace our current Honors Pre-Calculus
- Aligned with our proposal of Pre-Calculus
- For students starting Algebra 1 in 9th grade, students taking Algebra 1 before 9th grade, and even students interested in non-STEM majors
- Pre-requisite courses are Geometry and Algebra II
- AP Scholar Designation, AP Capstone Diploma

Math Progression - After Geometry - Current



Math Progression - After Geometry - Previously Proposed - 2023-24

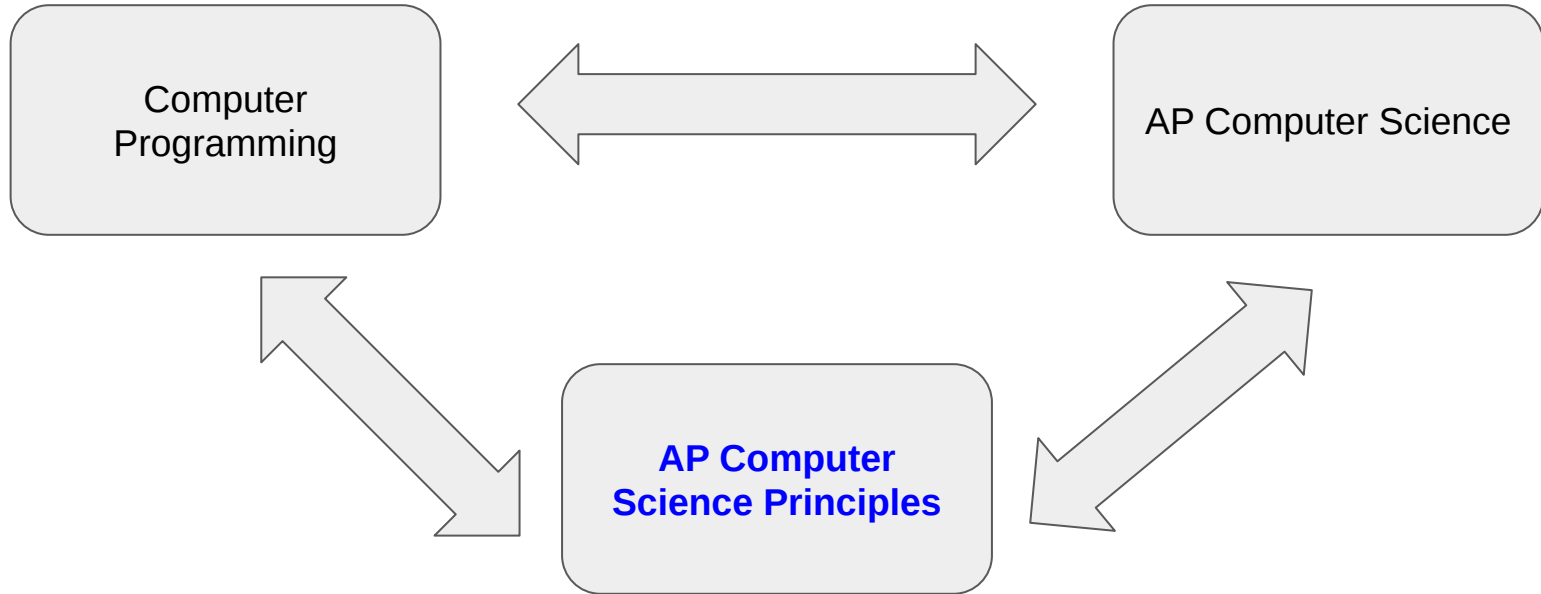


Today's Proposed Computer Science Course

AP Computer Science Principles

- College Board developed in recent years
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Today's Proposed Computer Science Course



Our Process

- 2022-23 School year - Collegial Circle through Western Suffolk BOCES
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