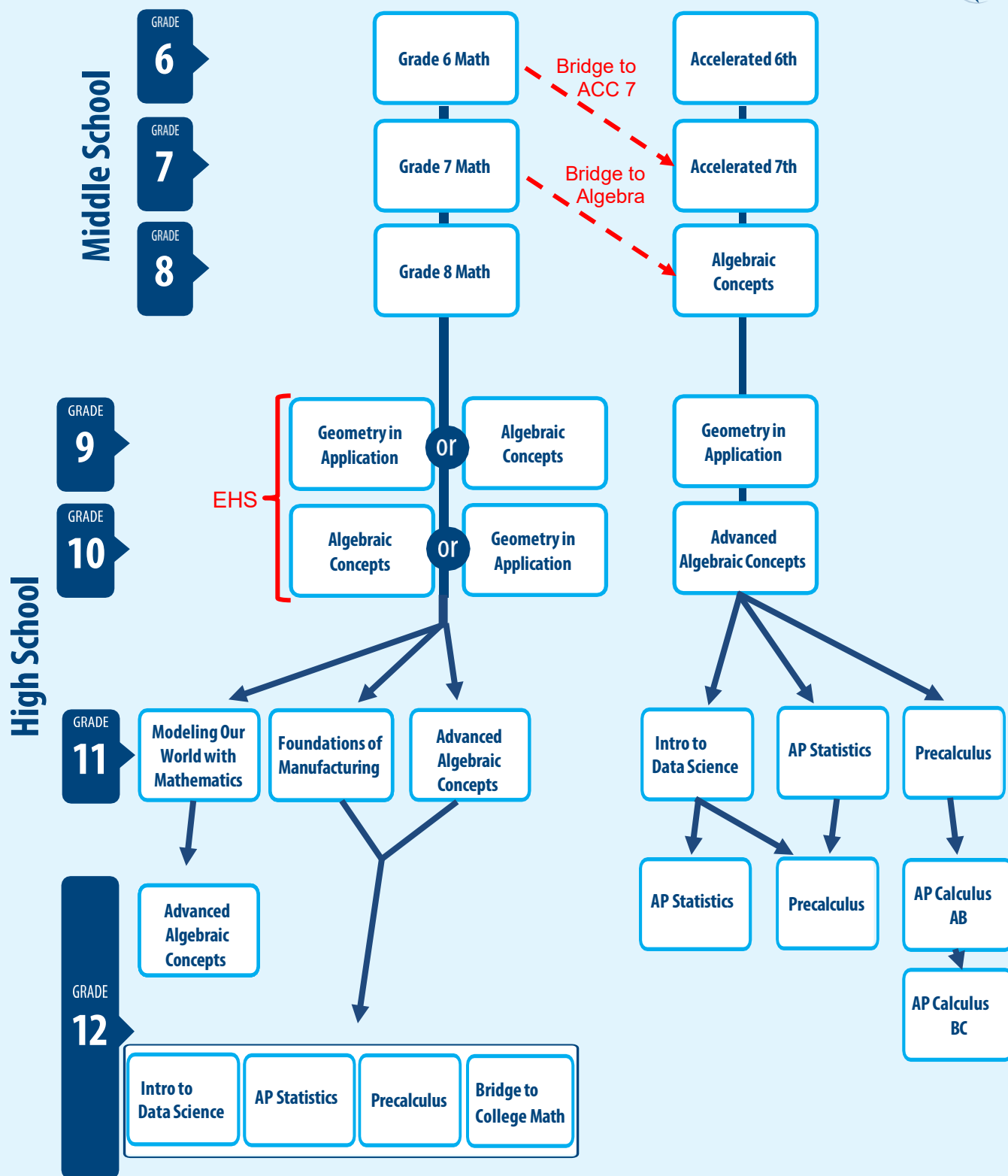




Mathematics Course Sequences and Options for Grades 6-12



Intensified Algebra (2-period block)

Grade level: 9

For incoming 9th grade students who have struggled with math in middle school. Because it is a 2-period class and counts for 2 credits (1- math, 1-elective), students with attendance issues would not be a good fit. The students most successful in this course are at level 2 on the SBA and have a desire to be successful. It is important to work with the 8th grade teachers in deciding placement since they will have a better grasp of a student's willingness to work than relying on just an assessment score (SBA or i-ready). Please look for communication from 6-12 academic director, Kalle Spear about the formal identification process to use.

Modeling Our World with Mathematics

Grade level: 11

Best for students who need more experience with Algebraic Concepts and Geometry material prior to Advanced Algebraic Concepts. Students who have struggled in high school mathematics and need to experience math in a different way. This course uses career connected thematic units to apply mathematical concepts and practices. Counts as a third math credit.

Foundations of Manufacturing (CHS)

Grade level: 11

Best for students who have an interest in entering industry sectors. This is a 3-hour block covering a CTE and English credit as well. Meets requirement for Advanced Algebraic Concepts.

Introduction to Data Science

Grade level: 11-12 (Pre-requisite: Adv. Alg. Concepts)

This course would be a good fit for many different types of students:

- Those planning for college degrees (STEM and Non-STEM)
- Students with non-degree high school and beyond plans
- Students do not need a review of Algebraic Concepts, Geometry, and Advanced Algebraic Concepts
- Those who may be reluctant to take pre-calculus or AP Statistics

Bridge to College Math

Grade level: 12

This course reviews Algebraic Concepts, Geometry, and Advanced Algebraic Concepts content to develop college readiness. For seniors who are successful in this course (B or better), the Bridge to College Mathematics course offers guaranteed placement into a college-level course when entering college directly after high school.