# BOUSD Math Placement Policy



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**Assistant Superintendent, Educational Services**

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# Why Have a Placement Policy?

**CA Senate Bill 359 (EC 51224.7) - California Mathematics Placement Act of 2015:**

- This bill and related Education Code calls for a transparent mathematics placement policy for pupils transitioning to junior high and high school. The policy will utilize **multiple objective academic measures** of pupil performance.
- Math course placement is a crucial crossroads in a student's future educational success. For example, courses completed in high school can impact college admissions.
- All pupils, regardless of race, ethnicity, gender, or socioeconomic background deserve an equal chance to advance in mathematics.

# Math Placement Criteria Requirement:

When transferring to junior and high school, math placement is based on multiple measures. To be placed in an advanced course the student must meet at least three of the four criteria entering Brea Junior High. When entering Brea Olinda High School, students must meet at least two of the three criteria.

The multiple measures for students entering **Brea Junior High** are:

- Trimester grades
- Standardized test scores (CAASPP)
- iReady scores
- Compelling evidence (teacher recommendation)

The multiple measures for students entering **Brea Olinda High School** are:

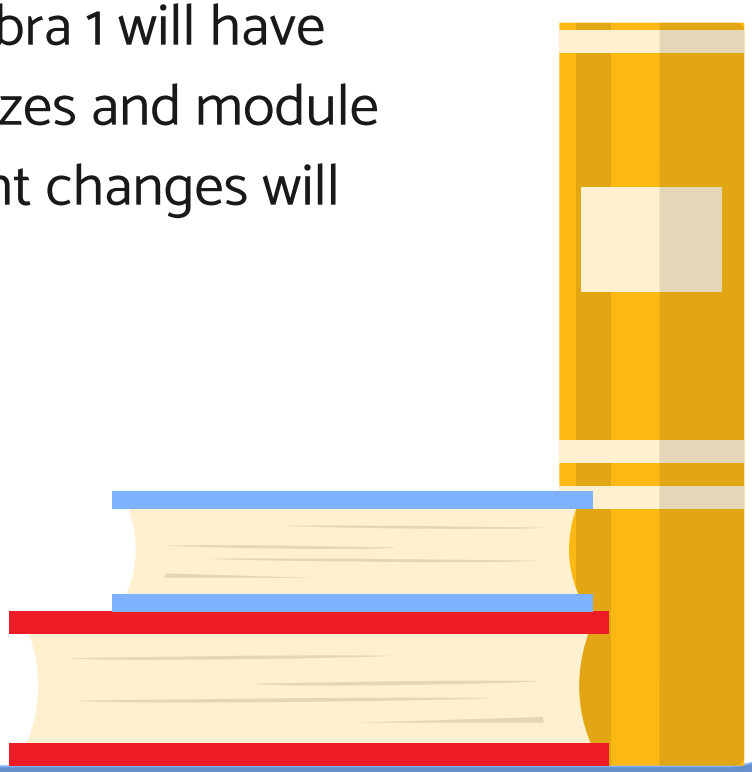
- Semester grades
- iReady scores (8th grade to 9th grade transition only)
- Compelling evidence (teacher recommendation)

# One-Month Checkpoint Requirement:

Within the first month of school, students placed in Algebra 1A will be assessed with a high school math readiness assessment to ensure they are placed correctly. Students demonstrating mastery of prerequisite standards will have their placement reevaluated to determine if Algebra 1A or Algebra 1 is most appropriate.

This year all students in Algebra 1A and Algebra 1 will have formative and summative assessments (quizzes and module exams) reviewed by their teachers. Placement changes will occur as needed.

Next year all students in Algebra 1A and Algebra 1 will be given the Math Diagnostic Testing Project (MDTP) to determine accurate placement.



# Annual Analysis of Data Requirement:

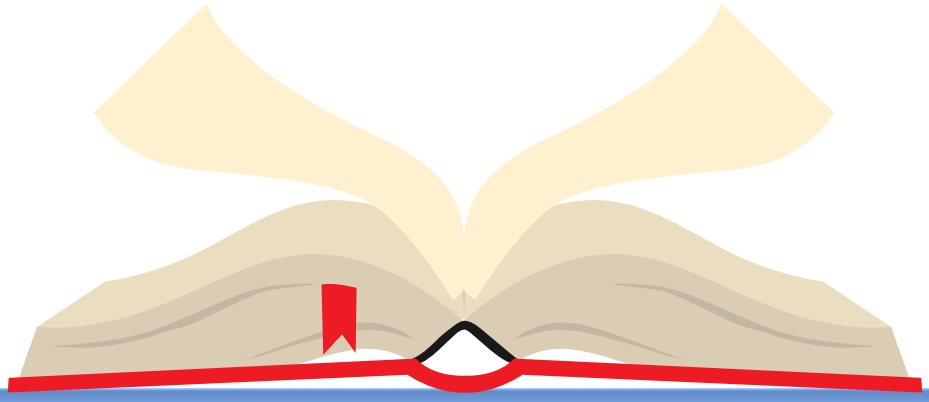
Data from the high school math readiness assessment will be shared with the school board each year. Along with the number of students transferred from Algebra 1A to Algebra 1 and vice versa.

Each year the Department of Educational Services will review the placement policies with secondary math teams before course selection takes place for the spring semester.



# Parent Recourse Requirement:

**Students or guardians may request a review of course placement.** This request is to be made with their current school administrator. Students and guardians should provide relevant evidence for reconsideration of course placement. Examples of evidence include, relevant grade history, supplemental coursework, and standardized test scores. The request will either be approved with progress monitoring in place, more evidence is needed to change placement, or denied at this time.



# Mathematics Pathways in BOUSD:

**Core Path**

This is the grade level math pathway. Students in this pathway are able to complete up though Algebra 2 which meets the prerequisites for getting into a four year university. The courses in this pathway also provide support for students who are below grade level..

**Accelerated Path 1**

Students in this pathway are one year above grade level in math. Acceleration is accomplished by compacting the 7th and 8th grade math standards into one course, Math 7/8, taken in 7th grade. Students in this pathway should have strong math skills. They will have the opportunity to take AP Calculus and/or AP Statistics in high school. Grades must be maintained to stay on an accelerated pathway.

**Accelerated Path 2**

Students in this pathway are two years above grade level in math. This pathway is for students who excel in math and have a strong interest in mathematics. Students will be required to do work outside of class to ensure that they have learned the 7th and 8th grade standards. In high school, these students will have the opportunity to take multiple AP level math courses. Grades must be maintained to stay on an accelerated pathway.

# Math Progression Paths

| 7th Grade | 8th Grade | 9th Grade | 10th Grade | 11th Grade | 12th Grade |
|---|---|---|---|---|---|
| **CORE PATH** | | | | | |
| Math 7 | Math 8 | Algebra 1A | Algebra 1B | Financial Algebra | Financial Algebra |
| | | Algebra 1 | Geometry | Geometry | Algebra 2 |
| | | | | Algebra 2 | FST* |
| | | | | Algebra 2 Trig Honors | AP PreCalculus |
| | | | | | AP Stats |
| | | | | | AP Calc AB |

*FST = Functions, Statistics and Trigonometry

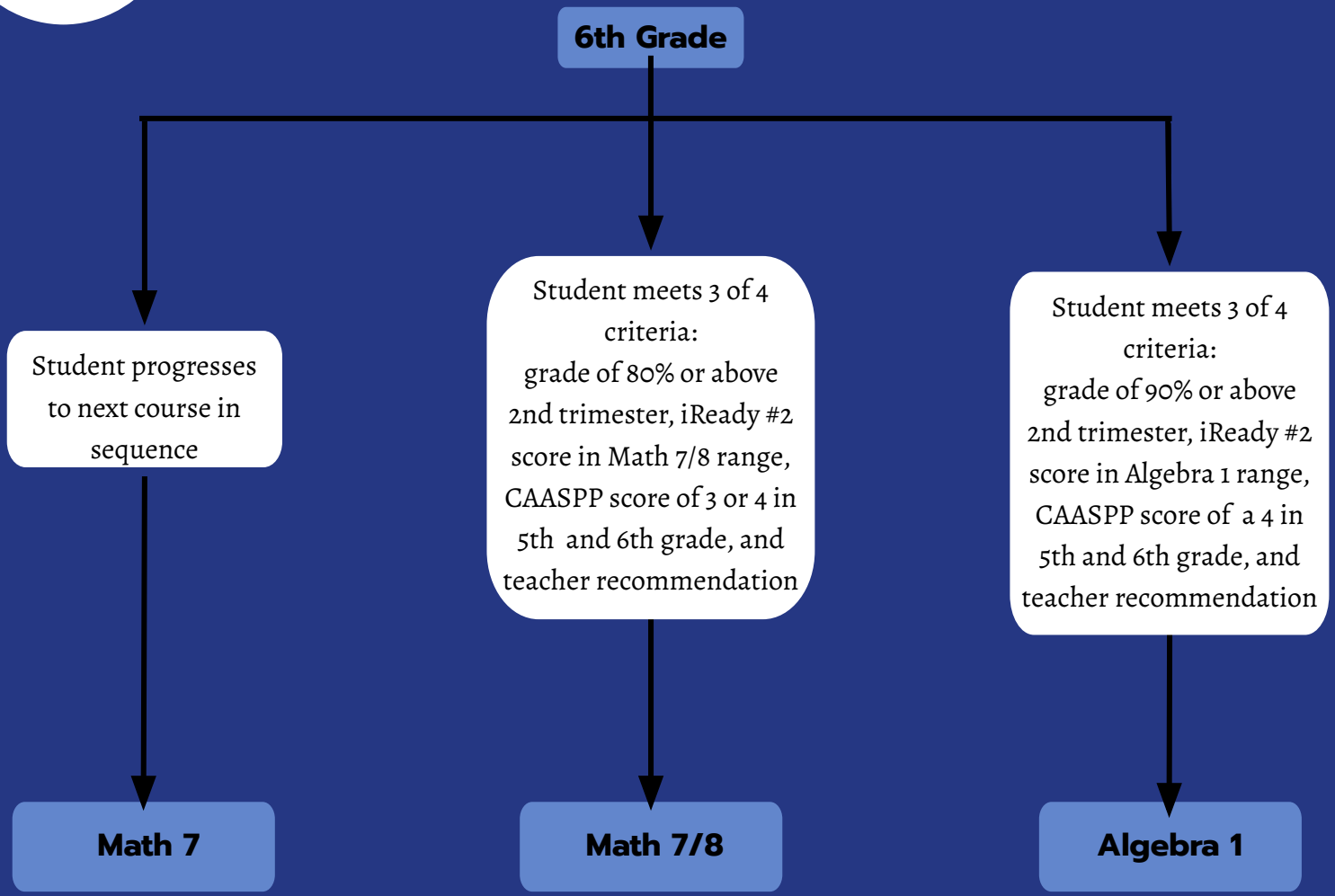
# Math Progression Paths

| 7th Grade | 8th Grade | 9th Grade | 10th Grade | 11th Grade | 12th Grade |
|---|---|---|---|---|---|
| **ACCELERATED PATH 1** | | | | | |
| Math 7/8 | Algebra 1 | Geometry | Algebra 2 | FST | Financial Algebra |
| | | | Algebra 2 Trig Honors | AP PreCalculus | AP Stats |
| | | | | AP Calc AB | AP Calc AB |
| | | | | | AP Calc BC |

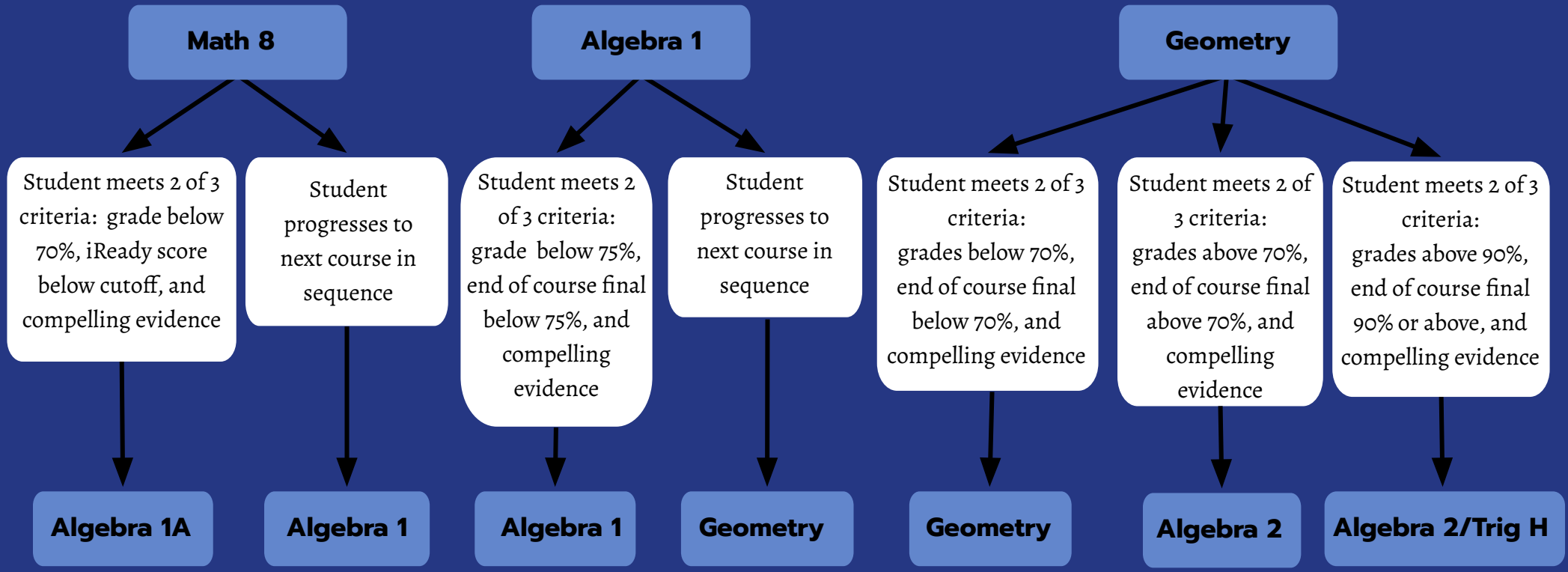
# Math Progression Paths

| 7th Grade | 8th Grade | 9th Grade | 10th Grade | 11th Grade | 12th Grade |
|---|---|---|---|---|---|
| **ACCELERATED PATH 2** | | | | | |
| Algebra 1 | Geometry | Algebra 2 | FST | FST | Financial Algebra |
| | | Algebra 2 Trig Honors | AP PreCalculus | AP PreCalculus | AP Stats |
| | | | AP Calc AB | AP Calc AB | AP Calc AB |
| | | | | AP Calc BC | AP Calc BC |
| | | | | | College Math |

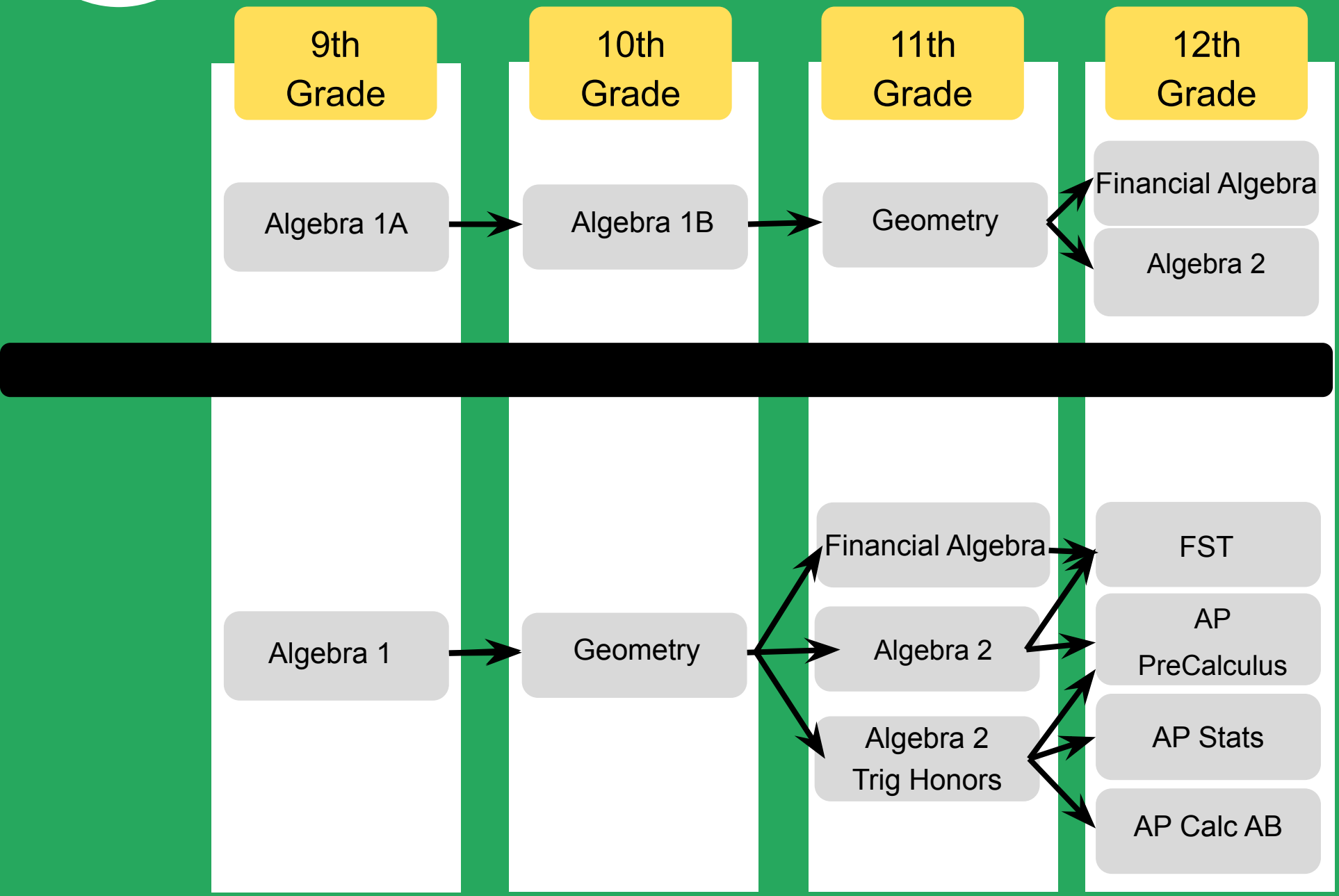
# Elementary to BJH Math Flowchart



# BJH to BOHS Math Flowchart



# BOHS Math Pathways



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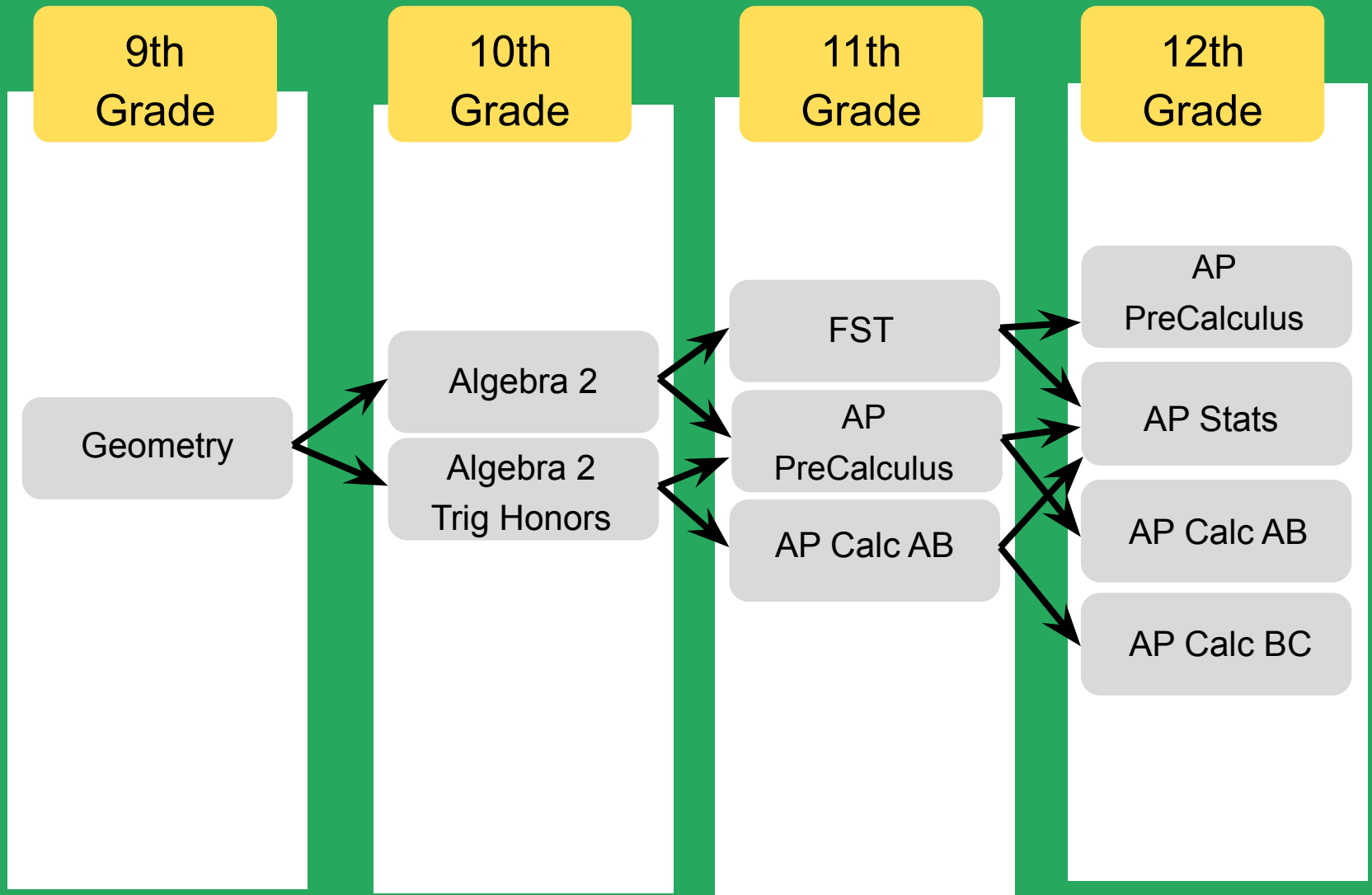

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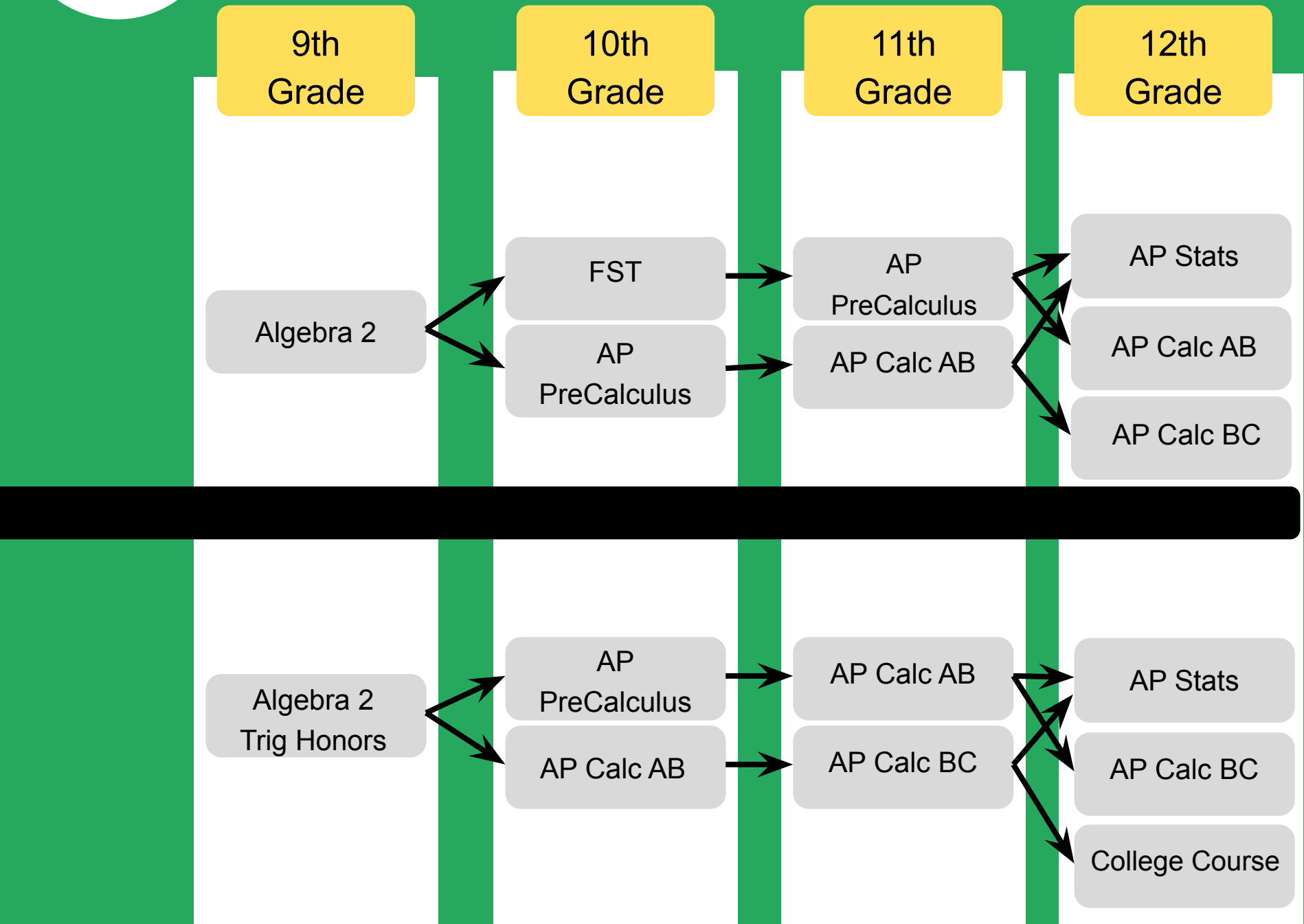

# Thank You's

**Jennifer Collier**, Mathematics Department Chair, Brea Olinda High School

**Scott Johnson**, Mathematics Department Chair, Brea Junior High School

**Kelly Wright**, Mathematics and Science Instructional Coach

**The Math Teams at BOHS and BJHS**
**The Administrative Teams at BOHS and BJHS**

**Lauren Tovar,** Administrative Director, Educational Services

# Questions? Comments?