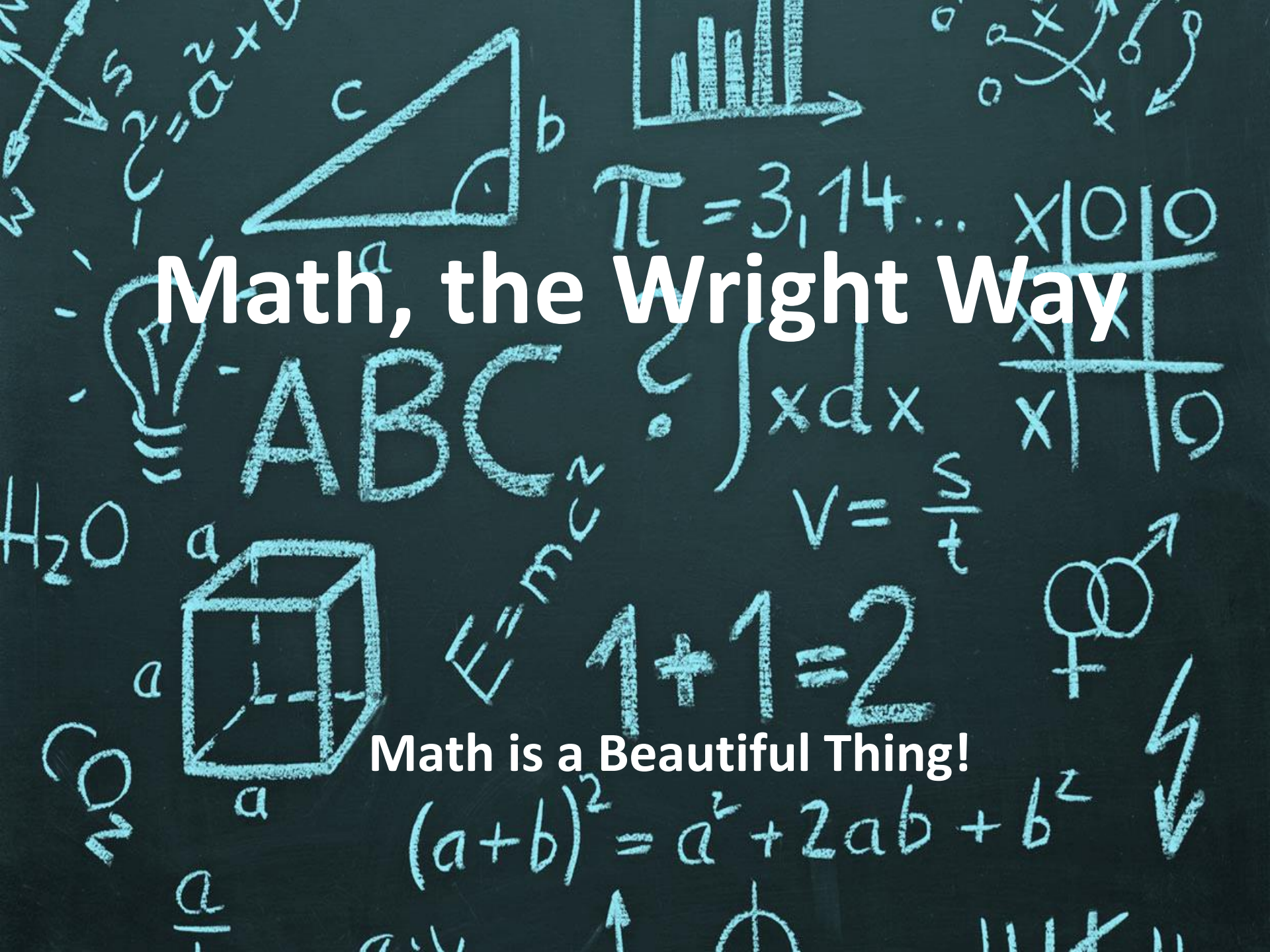


Math, the Wright Way

Math is a Beautiful Thing!



Early Mathematics

Early math skills are one of the best predictors of student success in school.

“If you put all those things side by side and just say, ‘What’s most predictive of how successful kids are?’ it turns out that math skills are more important than literacy skills or behaviors.”

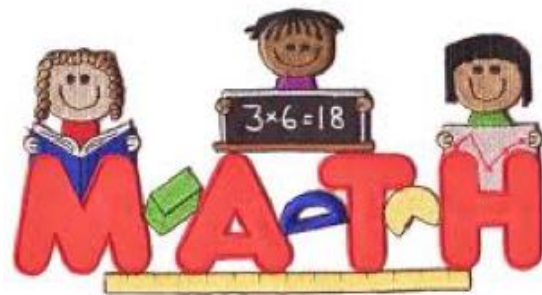
Greg Duncan,
University of California
Irvine Education Professor



Why?

Dr. Duncan suggests three possibilities:

- **School-structure** – Students with a lot of math ability are more likely to get in gifted classes.
- **Self-perception** – Students get a lot of concrete feedback in math in the early grades.
- **Executive Function skills** – Math helps students develop the ability to organize and act on information.

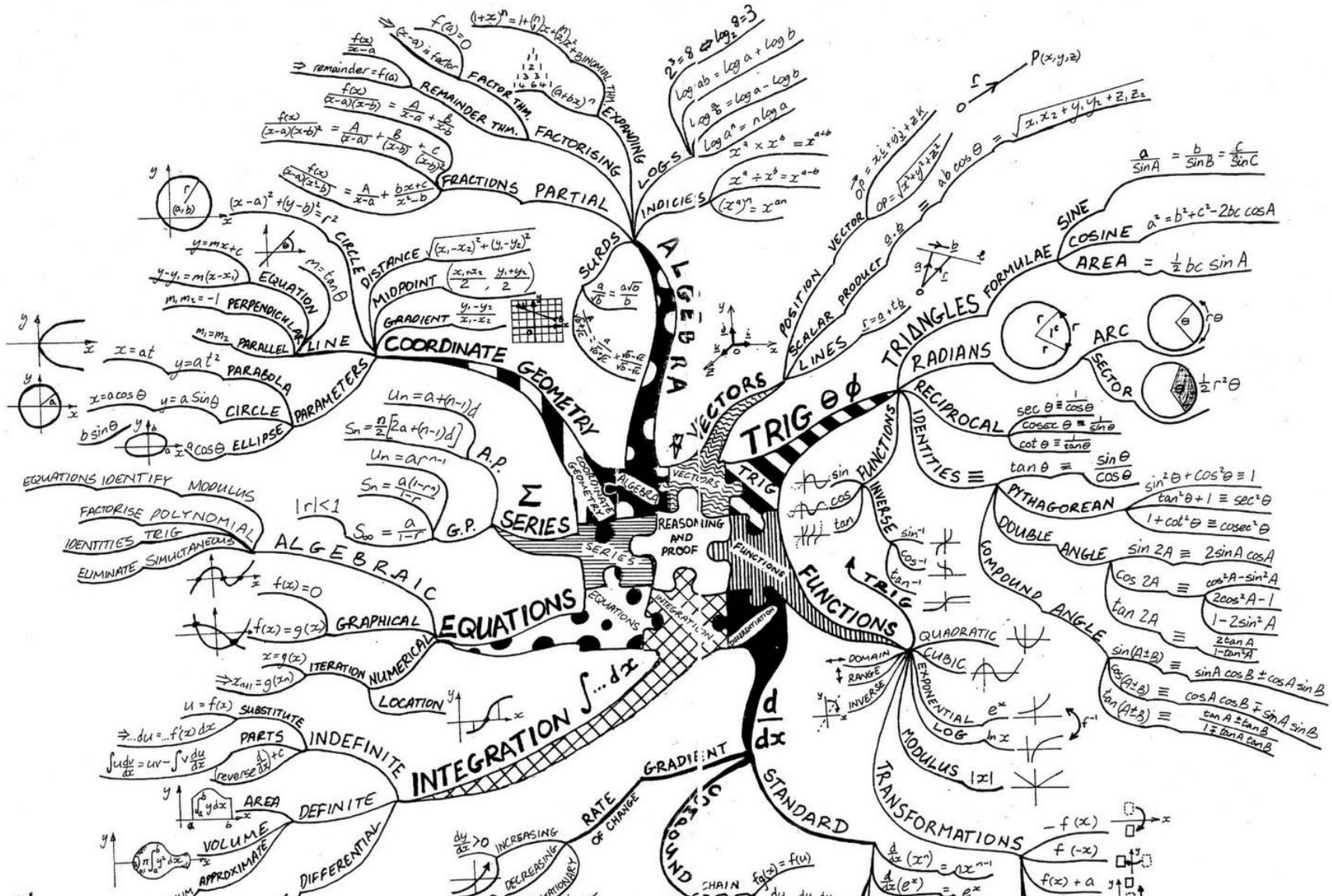


How?

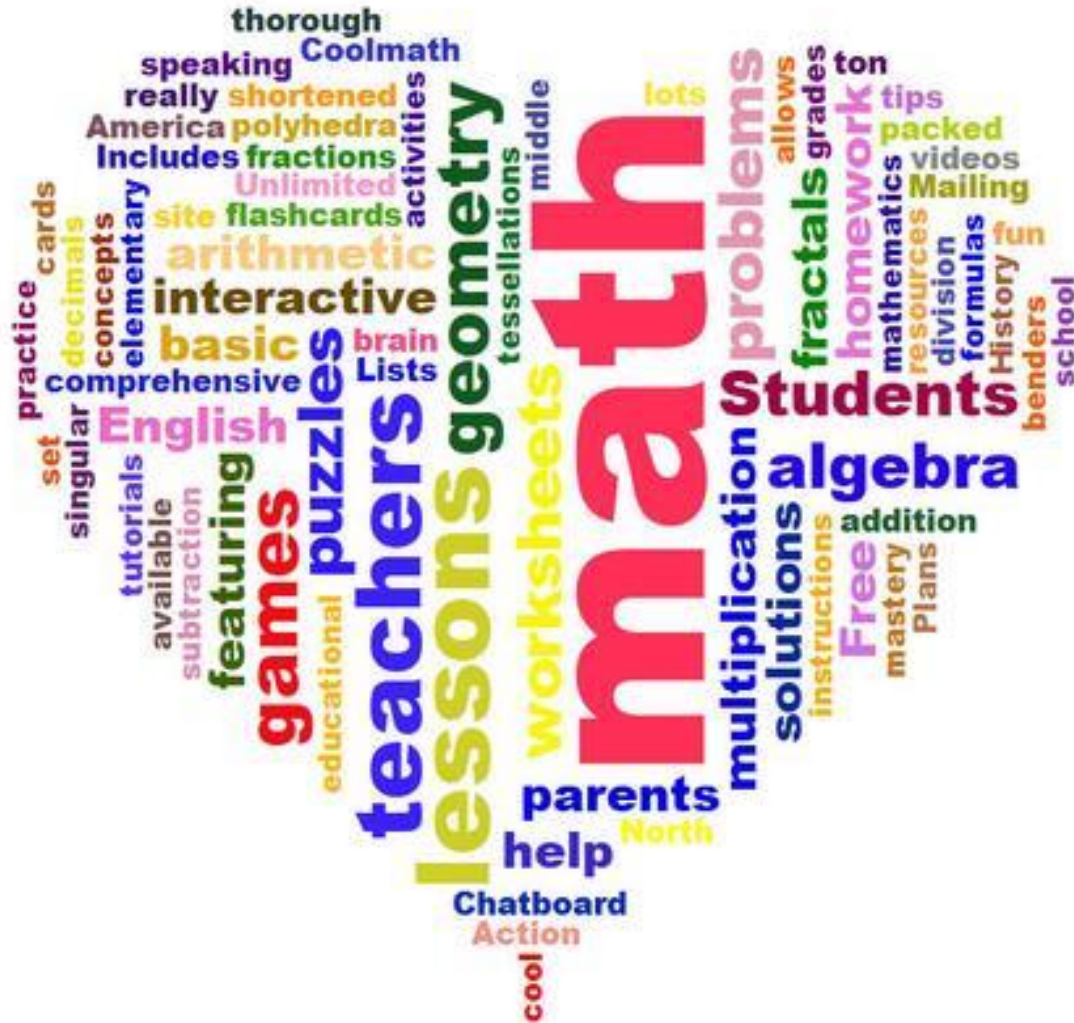
- I. Memorization Ability**
- II. Building on Previous Concepts**
- III. Focus and Organization**
- IV. Showing Your Work**
- V. Staying Current**



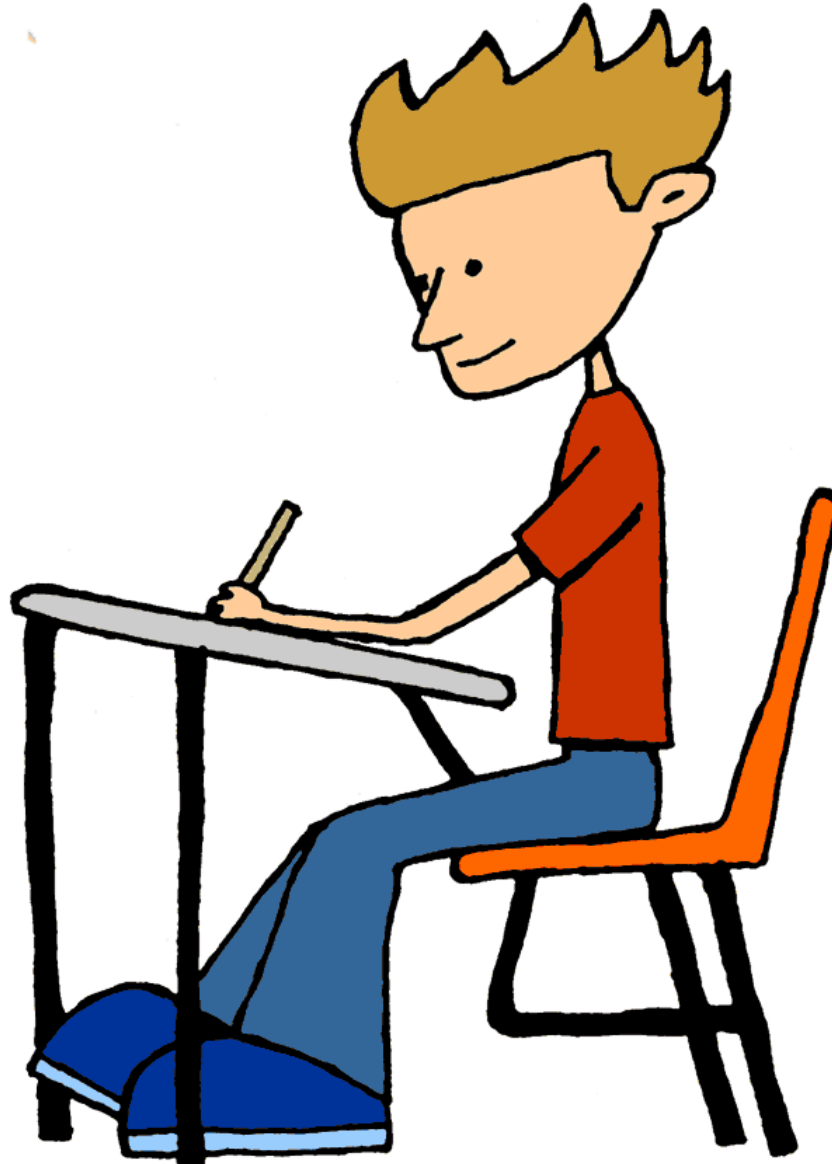
Memorization Ability



Building on Previous Concepts



Focus and Organization



Showing Your Work

$$x(2y - 5) = y + 4$$

$$2xy - 5x = y + 4$$

$$2xy - y = 4 + 5x$$

$$(2x - 1)y = 4 + 5x$$

$$y = \frac{4 + 5x}{2x - 1}$$



Math

Staying Current



2016 HPHS Statistics

484 - HPHS seniors 2015-16

National Merit Semifinalist - 27

5.6% of HPHS senior class

Top 1% in the nation

National Merit Commended - 36

7.4% of HPHS senior class,
top 3% in the nation

The logo features a green laurel wreath with the text "National Merit Scholarship Program" centered within it.

National
Merit
Scholarship
Program

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National
Merit
Scholarship
Program

2016 HPHS Statistics

Average Math ACT Score

HPHS 27.5, State 20.7, Nation 20.6



Average Math SAT Score

HPHS 636, State 478, Nation 505

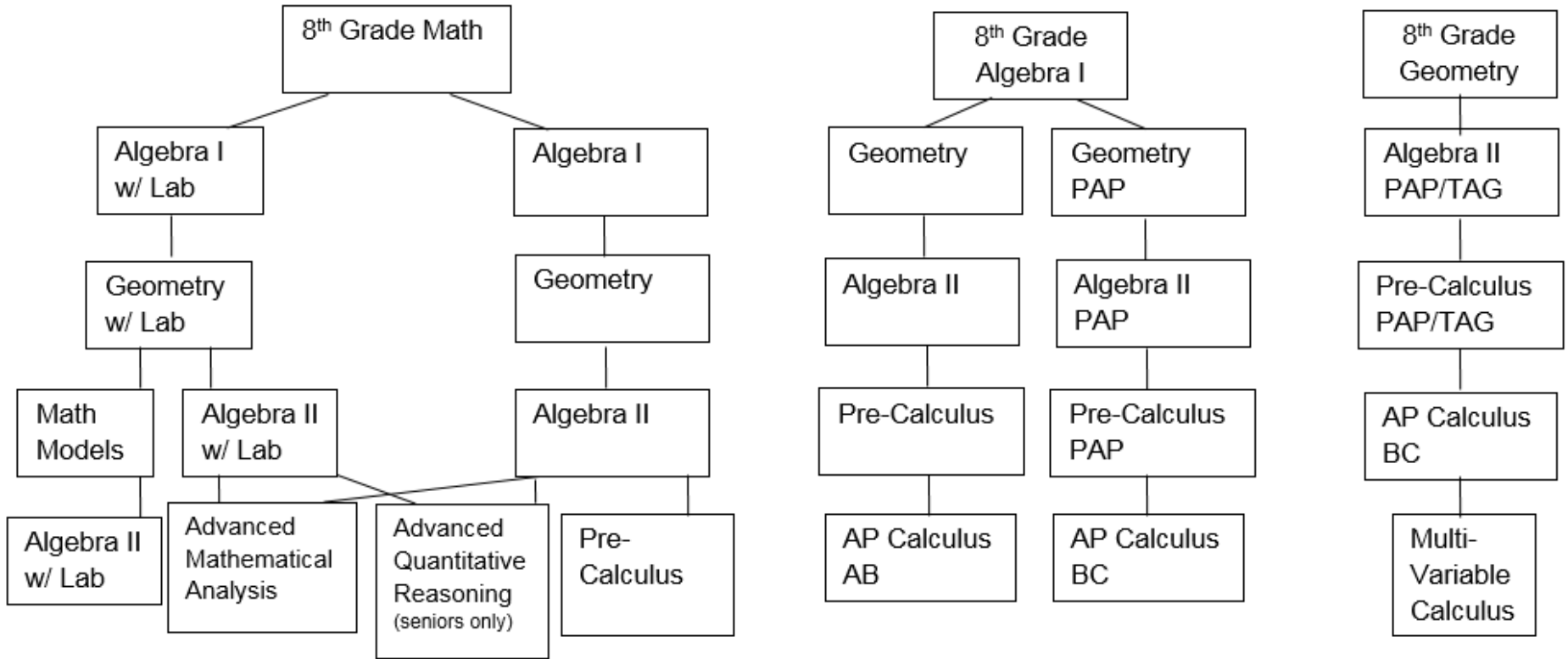


HPHS Math Department

- **Subject Teams**
- **Planning**
- **Assessments**
- **Number 1 Goal = Student Success**



HPHS Course Sequence



Elective Course

AP Statistics