Math ***Updates & Reminders*** for 25-26 school year:

- Data Science is new!
- AFDA is now an accepted prerequisite for Probability and Statistics
- Precalculus levels include Precalculus, AP Precalculus AB, AP Precalculus BC
- Reminder: Computer Science is now CS Programming
- Reminder: BC Calc & Multivar have required prereqs, AP PreCalc strongly rec Alg 2 HN

Things to keep in mind for math at each level:

Algebra 1	• Double block for students who struggled in Prealgebra and need every day extra support • On level for most students after Prealgebra • Honors - students need to work without a calculator and should enjoy problem solving
Geometry	• Honors level moves at a faster pace as they cover extension topics
Algebra 2/AFDA	• AFDA is for juniors or seniors who have previously struggled in Algebra 1 and/or Geometry • This course does NOT replace Algebra 2, rather it acts as a bridge between Algebra 1 and 2 • Honors Algebra 2 is a rigorous course, students do not use a calculator very often, they should have strong Algebra 1 fundamentals
Precalculus	• Students should think about precalculus as part of a 2 year plan - what calculus course do they see themselves taking in 2 years? • AP Precalculus AB/BC includes little calculator use, it is a rigorous course and prepares students for AP Calc AB/BC • AP Precalculus BC students should be strong Alg 2 HN students • Precalculus will prepare students for Applied Calc or AP Stat
Calculus	• BC Calculus is for students who pick up new material quickly and with little repetition ○ Includes everything taught in AB Calc and more! • Applied Calculus is not an AP course, it is for students who want to see calculus before college
Probability & Statistics AP Statistics	• For juniors or seniors who want an alternative to Calculus • AP Statistics is a writing and reading course which uses mathematical problem solving skills
Data Science	• Combination of statistics and coding • Adaptable rigor, meaning some take in conjunction with AP math courses while others take it after AFDA • AFDA straight to Data Science should only be a path if not college bound
Computer Science	• Standard Level open to all • AP CS Principles: Open to Freshman! ○ Great for non-science majors

	• AP CS A: Experience (in or out of school) is recommended ○ Geared toward possible science/math majors