



THE MATH PROGRAM

AT ST. JOSEPH'S ACADEMY

FREQUENTLY ASKED QUESTIONS

Do all freshmen take the same math course?

Freshmen take Algebra I, Algebra IB, Algebra 1 Accelerated, or Honors Geometry. Occasionally a freshman, who has taken both Algebra 1 and Geometry in middle school, takes Honors Algebra II.

Algebra I Accelerated is a course designed for students with substantial experience in Algebra but not enough to place out of the course.

Algebra 1B is a slower-paced Algebra I course designed to build foundational skills and confidence in Algebra.

If a student has studied Algebra in the eighth grade, does she qualify to take Honors Geometry as a freshman?

All freshmen entering the Academy will take a placement test in February to determine which of the following courses is most appropriate for them: Algebra I, Algebra 1B, Algebra I Accelerated, or Honors Geometry. Any student who tests into Honors Geometry will be required to complete a summer math packet.



Can a student who began with Algebra I accelerate to college-level classes?

With department approval, a strong mathematics student can follow the Honors math program, allowing them to take our highest math classes.

Can students get college credit for any of the high-school math courses they take?

Yes, college credit for a full-year course in AP Calculus AB, AP Calculus BC, AP Statistics, Precalculus, Calculus, and Calculus III is available through UMSL. Calculus AB is the equivalent of Calculus 1, and AP Calculus BC is the equivalent of Calculus I and Calculus II.

Does SJA offer courses that directly prepare the student to take any Advanced Placement Examinations given by the Educational Testing Service?

Yes, in mathematics as well as in other subject areas. In mathematics, the AP-Calculus courses prepare students to take the "AB" or "BC," examination. The AP Statistics course prepares students for the AP Stats examination.

What calculator do the students use?

Currently, all students use the TI-84+ Graphing Calculator.

Does the school have a math club?

St. Joe has a math honor society. Students who are taking or have taken Honors Algebra II or higher-level math courses are eligible for membership.

For more information regarding the SJA Math program, please contact:



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