

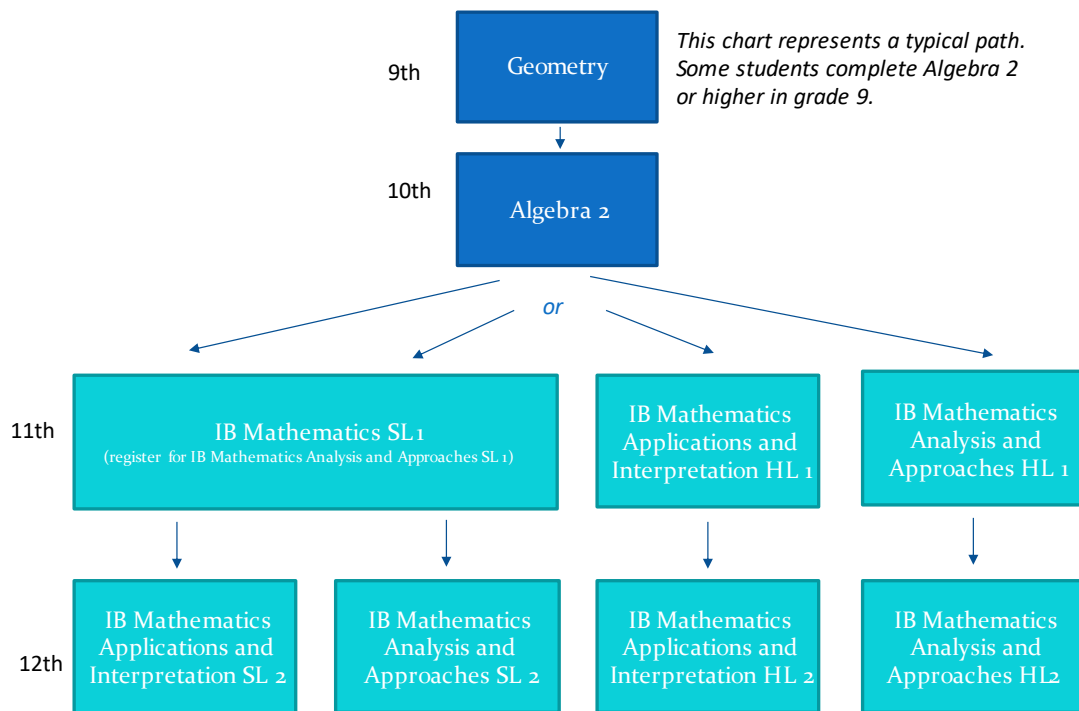
What is your Math Path?

Information about IB mathematics at Interlake

As an International Baccalaureate (IB) World School, Interlake offers math courses driven by the IB course syllabi. At most US schools, math instruction prepares students for calculus as the highest level of math, with possibly the AP Calculus AB or BC exams as targets for the 11th and 12th grade years. Some schools have students reach AP levels earlier, and these schools may stay on the “calculus” path by offering advanced classes such as Differential Equations.

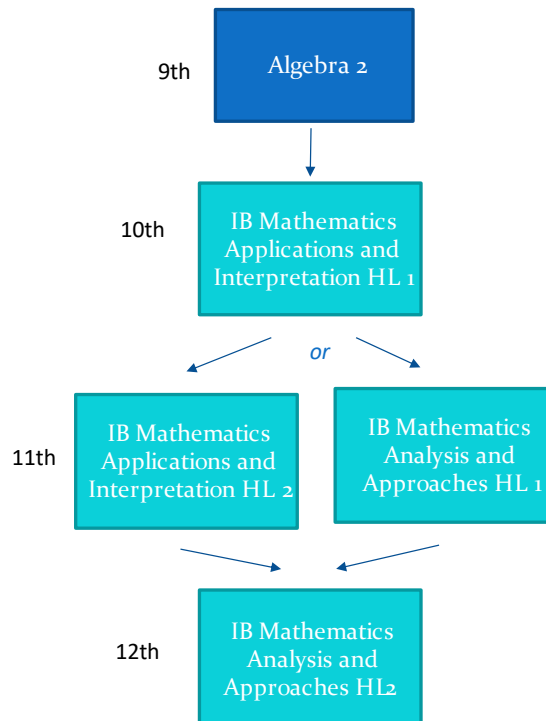
IB Mathematics is not focused solely on developing students towards calculus. IB recognizes that mathematics has several branches that students should be exposed to in their high school years, including statistics, probability, graph theory, linear algebra, differential equations, etc. (as well as calculus, of course!) The math choices shown below emphasize different branches of math. For example, students who take IB Mathematics Application and Interpretation will have more exposure to **statistics over calculus**, while students in IB Mathematics Analysis and Approaches will have more **calculus over statistics**. Methods for Application and Interpretation are technology-based (calculator and computer) while Analysis and Approaches asks students to complete more traditional, pencil and paper problem solving.

Traditional students on track in math



(continued on next page)

Traditional students 1 year ahead in math



Have questions about your student's math path or do not see your student represented here? Please contact Michael O'Byrne, obyrnem@bsd405.org.