IB Mathematics Pathways

10th Grade Higher Algebra is the only math prerequisite to begin the IB Diploma Programme. Many math pathways are available depending on each student’s level and interest.

**Grade 10**
- Higher Algebra or Higher Algebra Honors

**Grade 11**
- FST
- Precalculus

**Grade 12**
- IB Math AI SL
- IB Math AI HL
- IB Math AA HL
- AP Calc or AP Stats (optional)

**Precalculus**
- Precalc Honors
- IB Math AI SL

**IB Math AI SL**
- IB Math AA SL

**IB Math AA SL**
- IB Math AA HL
IB Math Analysis and Approaches (AA) - for students who enjoy developing their math to become fluent in the construction of math arguments and develop strong skills in mathematical thinking; they will explore real and abstract applications, sometimes with technology, and will enjoy the thrill of mathematical problem solving and generalization.

IB Math Applications and Interpretations (AI) - for students interested in developing their math for describing our world, modelling, and solving practical problem using the power of technology; for students who enjoy math best when seen in a practical context.