



Semester 2 Unit Outline - Year 8 Mathematics

MYP Assessment Criteria

Students are assessed against four equally weighted assessment criteria. Each criterion has eight possible achievement levels (1–8), divided into four bands with unique descriptors that teachers use to make judgments about students' work.

- Criterion A: Knowing & Understanding
- Criterion B: Investigating Patterns
- Criterion C: Communication
- Criterion D: Applying mathematics in real life contexts

Units of Inquiry	
Probability and Statistics	
Statement of Inquiry: Students will understand how probability and statistics can be used to influence decision making processes through investigation into the data collection processes and their limitations.	
Linear Algebra	
Statement of Inquiry: Students will understand how linear equations can be represented graphically through investigation of the Cartesian Plane.	
Geonetry	
Statement of Inquiry: Students will understand the key features of two dimensional shapes through investigation into the rules of congurence.	
Measurement	
Statement of Inquiry: Students will understand why and how we measure through investigation into the choice of appropriate units for shapes and time.	
Assessment Task	Due Date
Formative assessment - Ongoing class tasks and class participation, including peer and individual teacher feedback on progress.	
Probability & Statistics Test	Week 23
Probability & Statistics Assignment	Week 27
Linear Algebra Test	Week 33
Geometry Assignment	Week 39