

## MYP Year 1 Mathematics 6

### Unit 2 - Geometry (Angles and Polygons)

**Key Concept:** Form

**Related Concept:** Measurement, model and space

**Global Context:** Personal and Cultural Expression

**Statement of Inquiry:** Explore how modifying the measurement of shapes and models can create forms and spaces that are aesthetically enticing.

**ATL Skills:** Creative and Critical Thinking (creative solutions)

Unit Objectives:

- Construct, estimate and classify angles
  - Acute, obtuse, right, straight, reflex, revolution
- Determine angles around a point
- Calculate angles in a triangle and a quadrilateral
- Classify polygons (regular and irregular)
- Classify triangles and quadrilaterals
- Calculate perimeter of complex objects

Lesson

- 2.1 Classifying and measuring angles
- 2.2 Draw angles
- 2.3 Angles around a point

#### **INVESTIGATION (Criterion B, C)**

- 2.4 Polygons (regular)
- 2.5 Polygons (irregular)
- 2.6 Perimeter
- 2.7 Triangles
- 2.8 Quadrilaterals

#### **PROJECT: Geometric Art (Criteria C, D)**



\*\*The unit plan provides a guide of the sequence of topics and associated homework. Order, timing, and homework assignments may change.

**Math Help**  
**Before and after school by appointment**