# Knowledge and Application of Geometry 2

## Maths

### Statement Code no: 14

**Student:**

**Class:**

At Junior Certificate level the student can:

# Perform additional operations in Geometry

**Date Commenced:** ☐☐/☐☐/☐☐ **Date Awarded:** ☐☐/☐☐/☐☐

## Learning Targets - This has been demonstrated by your ability to:

1   Measure and label line segments ☐☐☐

2   Identify the angles in a triangle from their labels (e.g.<abc) ☐☐☐

3   Draw a line parallel to a given line ☐☐☐

4   Construct a line perpendicular to a given line ☐☐☐

5   Identify and calculate corresponding and alternate angles formed when a line intersects parallel lines ☐☐☐

6   Construct the perpendicular bisector of a line segment ☐☐☐

7   Identify and name different types of triangles ☐☐☐

8   Calculate the exterior angle in a triangle when the interior opposite angles are known ☐☐☐

9   Calculate all the angles in a triangle when the exterior angle and one interior opposite angle are known ☐☐☐

10   Identify congruent triangles ☐☐☐

**Work begun** ☐☐☐ | **Work in progress** ☐☐☐ | **Work completed** ☐☐☐