

Knowledge and Application of Geometry

Maths

Statement Code no: 9

Student:

Class:

At Junior Certificate level the student can:

Apply the knowledge and skills necessary to perform specified geometrical operations

Date Commenced: / /

Date Awarded: / /

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

- | | | | | |
|----|---|--------------------------|--------------------------|--------------------------|
| 1 | Measure angles using a protractor | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 2 | Recognise and identify all the common geometrical instruments | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 3 | Identify and recognise the various types of angles | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 4 | Construct angles of different sizes | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 5 | Understand knowledge that the angle in a straight line is 180 degrees | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 6 | Understand and apply the knowledge that opposite angles are equal | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 7 | Use set squares to construct rectangles | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 8 | Use geometrical instruments to construct triangles | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 9 | Understand and apply the knowledge that three angles of a triangle add up to 180 degrees | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 10 | Understand and apply the knowledge that the area of a triangle is equal to half the base x perpendicular height | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

Work begun | Work in progress | Work completed