

# Drawing: 2D shapes

# Tec.Graphics

Statement Code no: 10

Student:

Class:

At Junior Certificate level the student can:

Use basic drawing instruments to demonstrate the skills of drawing and the knowledge of basic 2D shapes

Date Commenced: / /

Date Awarded: / /

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

- |    |   |                          |                          |                          |
|----|---|--------------------------|--------------------------|--------------------------|
| 1  | Recognise and name drawing instruments: set square, T square and compass                              | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 2  | Measure and transfer in mm and cm to given length   | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 3  | Lay out page neatly including title box   | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 4  | Draw horizontal and vertical lines using T square and set squares                                     | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 5  | Draw neat lettering in captials using guide lines   | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 6  | Name basic 2D shapes in your environment  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 7  | Draw a rectangle and a square to given dimension, using a ruler and set squares                       | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 8  | Construct triangles to given measurements using 90°/45° and 60°/30° angles                            | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 9  | Draw a circle, using compass, ruler and set squares to given measurement                              | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 10 | Identify circle, radius, diameter, arc and centre<br>(and abbreviations or symbols where appropriate) | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 11 | Recognise dimensions in a given drawing and apply set standards for dimensioning basic 2D shapes      | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 12 | Construct geometrical patterns within 2D images using drawing equipment                               | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

Refer also to: All subjects except Physical Education

Work begun    | Work in progress    | Work completed