

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
(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