At Junior Certificate level the student can:

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

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

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

Refer also to: All subjects except Physical Education