At Junior Certificate level the student can:

Apply the basic knowledge and skills necessary to produce artefacts using engineering materials

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

1. Observe and comply with workshop rules
2. Select and use the correct tools to mark out a piece of work
3. Use hand tools to shape a piece of work
4. Demonstrate correct use of a drilling machine
5. Join metals using soft solder technique
6. Produce a piece of work which contains internal and external thread
7. Produce a piece of work which uses rivets
8. Produce a piece of work using a centre lathe
9. Produce a piece of work which uses adhesive
10. Produce at least two examples of different types of finish
11. Use a stencil to aid a decorative finish (e.g. enamelling)

Refer also to: English, Art, Maths, Materials Technology: Wood, Technical Graphics, Science