

Theory

MTM

Statement Code no: 1

Student:

Class:

At Junior Certificate level the student can:

Demonstrate knowledge of engineering materials, equipment, processes, and workshop safety

Date Commenced: / /

Date Awarded: / /

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

- | | | | | |
|----|--|--------------------------|--------------------------|--------------------------|
| 1 | State rules for safe and correct use of specified tools and procedures | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 2 | Observe and comply with workshop rules | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 3 | Identify typical measuring tools and measuring devices in everyday classroom use | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 4 | Recognise common engineering metals and plastics | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 5 | Identify plastics and metals in everyday use in the environment | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 6 | Suggest different uses for common engineering metals and plastics | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 7 | Suggest reasons for choices of material for everyday purposes, e.g. nuts and bolts/cars/drill bits/buses | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 8 | Identify basic metalwork hand tools | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 9 | Identify workshop machines | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 10 | List different joining methods (nuts and bolts/solder/rivets/ adhesive etc.) | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 11 | Suggest reasons for choice of joining method | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 12 | Suggest appropriate finishes for different jobs | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

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

Work begun | Work in progress | Work completed