

Responsible and safe use of a range of tools, materials and techniques: Technology (Mandatory)

Answers

Activity: Responsible and safe use of a range of tools, materials and techniques

1. Tools in use should be kept in the bench centre away from other equipment and, when not in use, should be racked.
2. For best results in the workshop, all tools should be sharp and used as directed.
3. Brochures about new materials or tools should be studied as it will save time, avoid mistakes and help produce quality work.
4. Canvas or open shoes are not good enough protection against a dropped chisel or a heavy piece of timber.
5. A dust mask should be worn to protect against irritation caused by fine dust particles.
6. Blunt tools require greater pressure than sharp ones and so are more likely to cause injury to the user or damage to the work.
7. The flexible power cable to all portable power tools must be properly earthed.
8. Switch off the power before fitting any extension lead.
9. Fixed power machines must, at all times, have guards properly fitted over any moving parts.
10. Only the person using any machine should operate the switches.