Unit 110: Decorative finishing and industrial painting occupations

# Worksheet 8: Hand and power tools (learner)

1. Identify the following hand tools from their description and uses.
2. A stiff-bladed tool, the best quality have hardwood handles, they are used for removing wallpaper, loose and flaking paint nibs and other surface defects.
3. These tools have thin flexible blades, the best quality blades can bend through 90 degrees and spring back into shape used for applying various filling materials
4. Similar to a paint brush with either pure bristle, or synthetic (manmade) filaments, an important piece of equipment to remove dust and general debris from a surface before painting.
5. Not actually a hook, but a blade on a metal stem. They are used mostly used in the removal of paint coatings by heat or paint stripper. There are two main types, one for flat areas and mouldings, and another for flat surfaces.
6. A handheld tool which holds tubes of decorator’s caulk, silicone and other flexible sealants, to fill cracks and gaps in skirting boards, architraves, coving and cornices.
7. These can be factory made or cut from a piece of wood. Used to assist the abrading of a surface. The use of items can help produce a flatter surface more quickly and with less effort.
8. Tick which two of the following is an advantage of a hot air heat gun:
9. It is less of a fire hazard
10. It is electric powered
11. It strips paint quickly
12. It is less likely to scorch the wood
13. Tick which two of the following is a disadvantage of a hot air heat gun:
14. It can be used anywhere
15. It needs an electric supply
16. It scorches the wood easily
17. It is slower than gas heat
18. Explain the difference between hand abrading and mechanical abrading.
19. State two advantages of dust-free abrading.
20. State the advantage of a cordless dust-free sander
21. Name the items in the picture below and their uses.



1. List the common sizes of stripping and filling knives.
2. Identify the two different types of shave hook below



1. What piece of decorator’s equipment is pictured below?



1. Battery-operated heat gun
2. Skeleton gun
3. Battery-operated caulk gun
4. Filler gun
5. Fill in the missing word.

A T...................................... will be required to reduce the voltage from 240 volts to 110.

1. What is the common colour of 110v equipment?
2. List three advantages of battery-operated power tools.
3. What is a disadvantage of a cordless power tool?