# Unit 112: Construction operations and civil engineering operations

# Worksheet 28: Concrete – tools and equipment (tutor)

1. Look at the different images of tools and equipment in the table. Then fill in the spaces by naming the item and describing what it would be used for.

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| Image | Name of tool/ equipment | What is it used for? |
|  | Club / lump hammer | Knocking hitting pins, pegs or with a chisel etc. |
|  | Steel float | Smooth finish when concreting |
|  | Stiff broom | Generally keeping the area clean and tidy or used to make a finish on concrete. |

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| Image | Name of tool/ equipment | What is it used for? |
|  | Bucket | Water when mixing and for keeping small tools clean. |
|  | Arris trowel | Edge details on concrete slabs etc. |
|  | Craft knife | Cutting various materials but in concreting activities cutting and trimming the visqueen. |
|  | Rake | Moving materials around GSB, gravel and concrete. |

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| Image | Name of tool/ equipment | What is it used for? |
|  | Brass indent roller (Crimper) | Surface finish on concrete to give grip. |
|  | String line | Setting out keeping level and straight. |
|  | Spray marking paint | Marking excavating lines identifying services etc. |
|  | Wooden float | Rubbing up concrete |

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| Image | Name of tool/ equipment | What is it used for? |
|  | Damp proof membrane  Visqueen | As a DPM in the concrete to stop any impurities; helps in the setting process by retaining the moisture. |
|  | Metal straight edge | Setting out, could be used when tamping and helps when finishing the edges of a concrete slab / path etc. |
|  | Long level | Keeping things plumb and level, can also be used for a variety of situations. |
|  | Shovel (wide mouth) | Shovelling, moving materials around the site. |

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| Image | Name of tool/ equipment | What is it used for? |
|  | Timber lengths | Making shutters, straight edges or creating a tampered finish. |
|  | Bull float | Finishing larger areas of concrete. |
|  | Wheelbarrow | Transporting materials around the site or mixing concrete in. |
|  | Steel road pin | Setting out operations or can be used to keep steel formwork in position etc. |