



Power tools

Power tools can be used to increase the output of work in a given period. They can also improve the quality of work. Most power tools are available in a range of sizes and have various capabilities (wattage, torque and rpm). Your choice of power tool depends on:

- the type of operation to be performed
- the type of material you are working with
- the length of time (and how often) the tool is used
- the cost of the tool.

Challenge

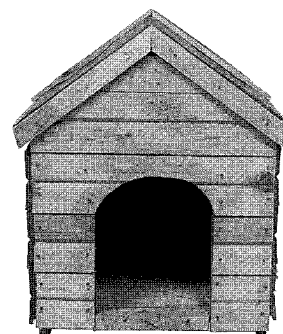
To complete this activity, you will need to refer to a power-tool catalogue or a range of brochures.

Your friends want to build this dog house. They have asked you to provide technical advice on the selection of suitable power tools.

Your challenge is:

- to investigate dog-house designs and construction
- to identify the types of power tool required
- to compile a list of the most suitable models, with reason(s) for your recommendations. (You might also consider including a folio of pictures/ brochures of the chosen power tools.)

You could use the following sample format as a guide.



Operation	Power tool needed	Model and specifications	Reason(s)

Teacher's signature

Date

Excellent

Good

Satisfactory

Needs improvement

Needs much improvement