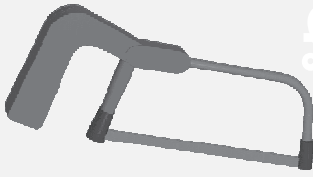
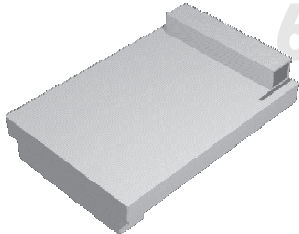


Six tools are listed below. Add normal classroom equipment such as scissors and rulers to these six and you have enough to make all the projects in this book. It's true it would be a little easier with extra tools but these would be enough to do the job. It means that you can equip a classroom (or even a school) for no more than £50.



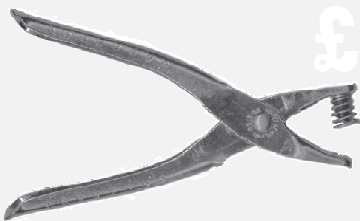
£1

You will need as many **JUNIOR HACKSAWS** as possible if you are going to use wood very much. However, at **£1 each** that shouldn't be a problem. Blades do wear out, eventually, but you should get a couple of years work from each blade. Spare blades are not much more than 10p each.



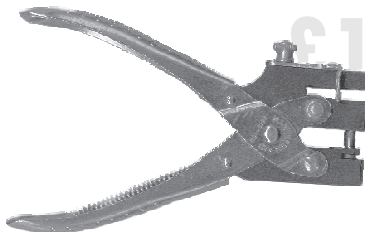
60p

A fairly light and flimsy **BENCH-HOOK** will cost about **60p**. You would do better to find a friendly parent who would be prepared to make you some. You may spend a little more doing this but you'll be able to supply your class with a more substantial product



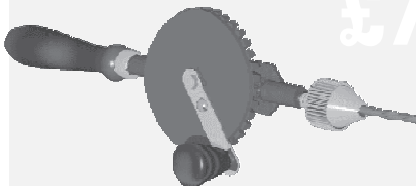
£5

You will need to punch holes in thick card, so you'll need a **HOLE PUNCH**. This one punches a 6mm hole which is a little too big for a lot of jobs. Nevertheless at **£5** you can't grumble



£15

The **HEAVY DUTY PUNCH** is more expensive at **£15.00**, but worth every penny - it should last a lifetime if it doesn't get 'borrowed' once too often. It makes a hole a little less than 5mm



£7

A **HAND DRILL** isn't that easy to use but if you want to make holes through wood you will need one. It will cost you about **£7** or **£8**. The drill bit that actually does the cutting will cost another £1, and if you take our advice, as given on the 'making holes' page, a 5.1mm or a 5.2mm bit will cost **£2** (But then you won't need to buy either a clearance size bit or some tool to make holes bigger!) A matching drill stand will set you back over £30 and won't help as much as it ought.



£4

These **UTILITY SNIPS** couldn't be called beautiful but they are very handy to have. They will make it easier for children to cut thick card and they will cut PVC tubing easily and safely. They will even tackle lolly sticks, although the piece that comes off is usually badly damaged. They'll cut the rounded ends off well enough. **A snip at £4.00 Sorry!**

This really is a basic set and we would never be without a sharp **KNIFE**, (from **£2**) and an A4 **CUTTING MAT** (**£2**). Not for the children's use but for preparation of materials. The same can be said for a rotary paper trimmer. Well, not quite the same, because we would encourage older children to make use of the trimmer. It's safe and convenient - and beats using scissors for cutting long straight edges.

If you do need to enlarge a hole drilled through wood then you'll need one of the following. A simple **REAMER DRILL** (**£2**), which consists of a drill bit in a wooden handle, a **TAPERED REAMER** which will cost anything between **£8** and **£17.00** (and can be a little dangerous too), or a **ROUND FILE** (**£3**).

When drilling one should really centre punch the hole in which case you would need a **CENTRE PUNCH** (**£2**) and a small hammer (**£3.50**) and it would be useful to have some kind of **CLAMP** (**£2.50?**) for holding workpieces.

Markets are worth visiting if you can arrange access to some petty cash. You will find cheap but useful tools and materials that can help to augment the school's technology resources. There is often a good range of suitable **CLAMPS** or **CRAMPS** as well as **FILES**, **SANDING SHEETS** and **ABRASIVE BLOCKS**. Useful materials are harder to find, but balls of **string** and rolls of cheap **masking tape** are often available.