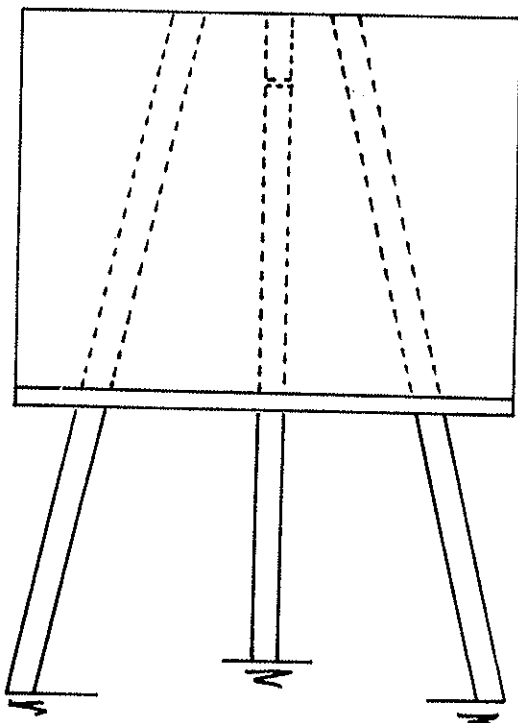


TOY PLANS

BLACKBOARD



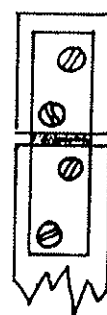
We used a piece of soft plastic clothes line rope to limit the distance the centre leg could move back.

If you are making the boards up in quantity, paint the chalk rail before nailing it on.

Poly-urethane varnish is quick drying, hard wearing.

In assembly, we used Selleys Aquadhere glue and 25mm. jolt head nails. Some of these boards have lasted for years! *

We made up a nailing jig for nailing the legs on - just a board with stops at the right angle.



Cheap strap hinge for adjustable leg.

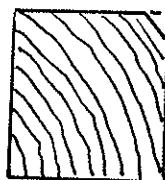
Black board cut from thin chipboard used under lino, floor tiles. Sheet chipboard used to be 8'x4'. We used to cut 18 faces from each sheet.

Legs & chalk rail cut from 50x25mm. pine.

We used to varnish whole unit, then paint the face with blackboard paint. The chalk rail was painted with a bright colour as a contrast.

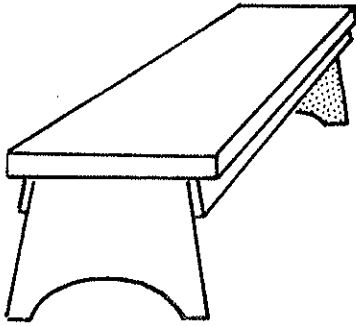


The small Stanley "Block Plane" is ideal for removing sharp edges from timber. (The "arris".)



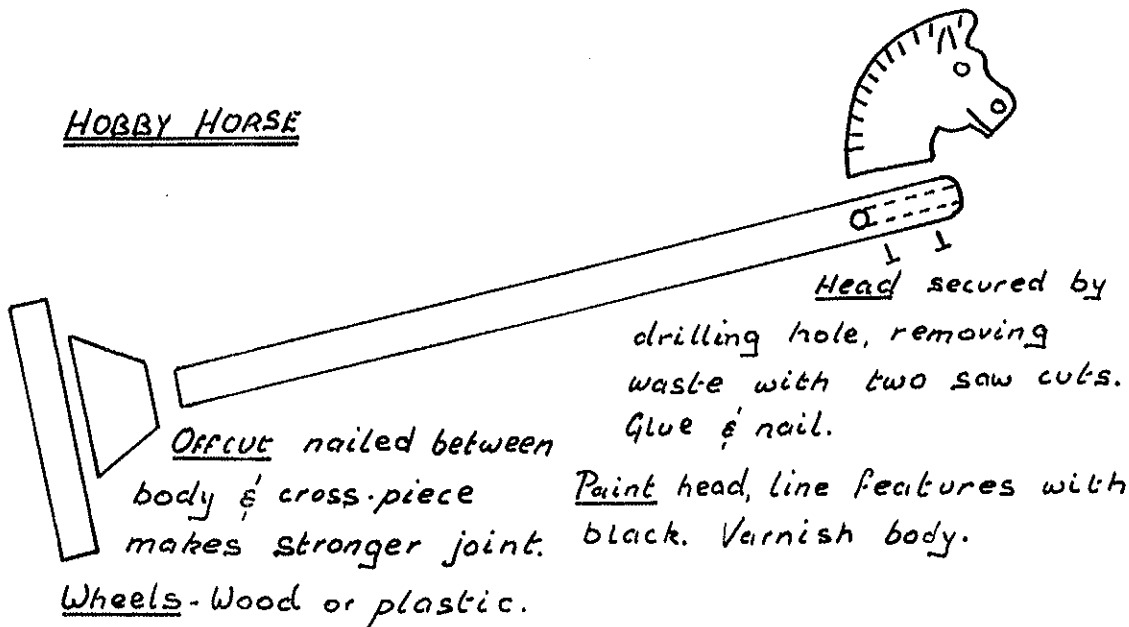
It gives a far more professional finish, & makes the toy safer.

CHILD'S STOOL

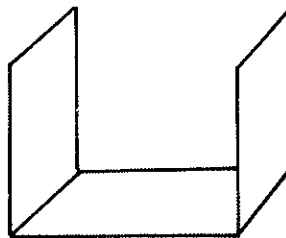
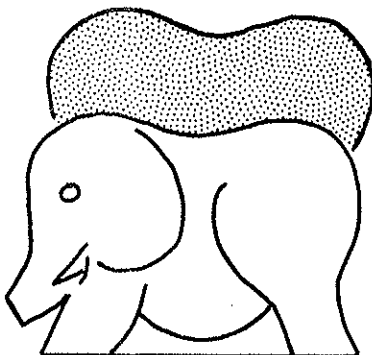


DIMENSIONS are not critical. Ours were calculated on the basis of what we could economically cut from a sheet of 12mm. ply. The top was 25x16cm, legs cut from 16x16cm (tapering about 2cm each side at the top) & stopping about 2cm from each end. Paint top, varnish under side.

HOBBY HORSE



ELEPHANT TOY BOX

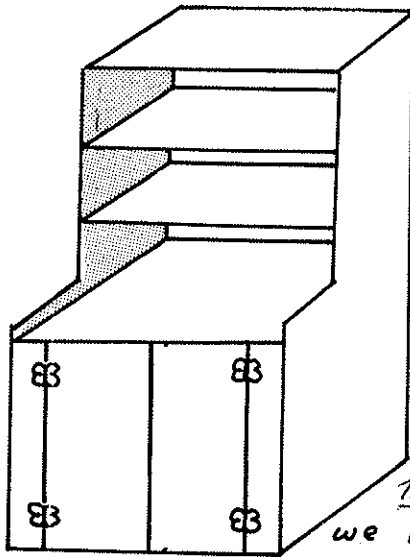


Three sides of box nailed and glued, then nailed and glued inside the elephant shape.

Elephant profile painted in a bright colour, then lined in to show eye, tusk, ear, legs and belly.

We used to put cheap sets of castors on each box. Box could easily be pushed across carpet when picking up toys.

Profile was cut from 12mm ply 61x46mm. Box was about 46mm cube. This gave a good size toy box.

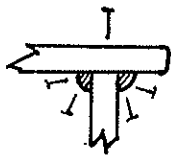


We didn't start making cupboards till near the end of our business venture. By that time we had developed quite a few 'tricks of the trade'. We used to spray both sides of the ply sheet with varnish before we cut out the pieces. Thus it was varnished inside & out, with minimum effort.

Rather than using recessed hinges, we screwed butterfly hinges on the front - much quicker.

The back panel was the same chipboard we used on the blackboards.

We used gloss paint only on the front & sides.

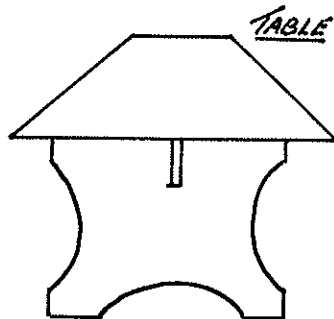
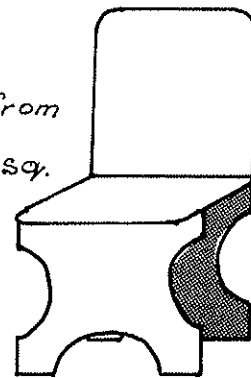


Chair.

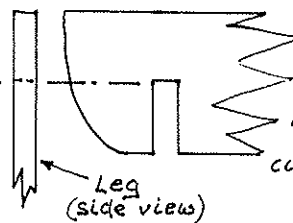
Chair proportions: front leg cut from a square. Seat = 1 square, Back = 2 sq.

Curves marked from a paint tin. We made templates to speed cutting out. [Note - Square was 8" x 21cms - Ply 12 sq x 6 sq per sheet]

In the small sketch above are shown construction details. Seat top secured to front leg with nails & glue. Then quarter-round (Quad.) is glued and nailed both sides. Similar treatment where seat joins back legs. This makes surprisingly strong joint.



TABLE

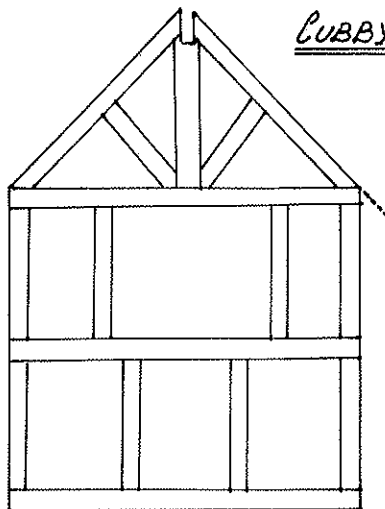


Stiffener - runs the length of the table. Fits through leg (side view) - half width cut out of both - halving joint.

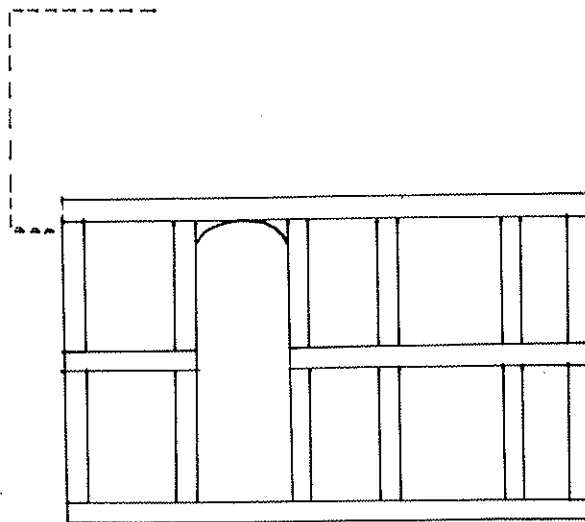
Table was 2 squares high, 2 wide, 4 long.

A suite comprised table and 4 chairs, though we sold extra 2 chairs when required. Quad. used on legs/top as with chairs. Spray ply both sides with varnish. Top of table, top of seat and front of chair back painted with gloss paint. Varnish acts as undercoat, saves time and labor.

CUBBY HOUSE.

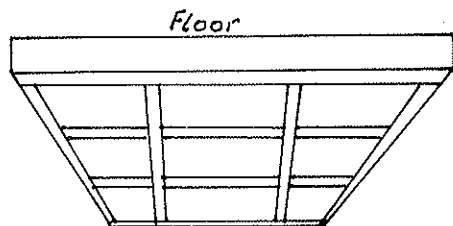


End.

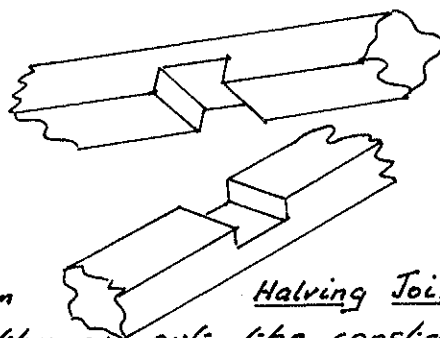


Front.

In designing the cubby house we started with the roof. The ply sheets were full size i.e. 8'x4'. We made the walls shorter (about 30cms.) to give overhang. The framework was 100x50 mm. pine, split to 50x50 mm. with a circular saw. We put the framework on the outside - this gave a mock tudor effect, & kept the inside walls smooth (we wallpapered, floor tiled inside).

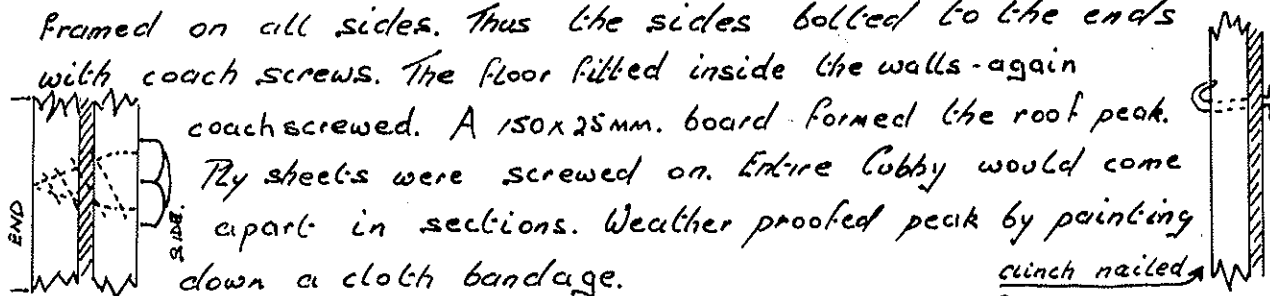


Floor



Halving Joint.

The ply floor nailed to 100x50 mm pine. Halving joints were used through out the construction. Construction procedure was to make 2 ends, 1 front, 1 back. (Back was same as front, minus windows & doors.) Each piece was framed on all sides. Thus the sides bolted to the ends with coach screws. The floor fitted inside the walls - again coachscrewed. A 150x25 mm. board formed the roof peak. Ply sheets were screwed on. Entire Cubby would come apart in sections. Weather proofed peak by painting down a cloth bandage.



Note: Where possible, all ply was clinch nailed to frame work. Doors and windows open OUT. Only magnetic catches were used. Butterfly hinges used throughout. Painted with a primer, undercoat & gloss. (Has withstood elements, ravages of time). Completed house stands upon house bricks to give under floor ventilation.