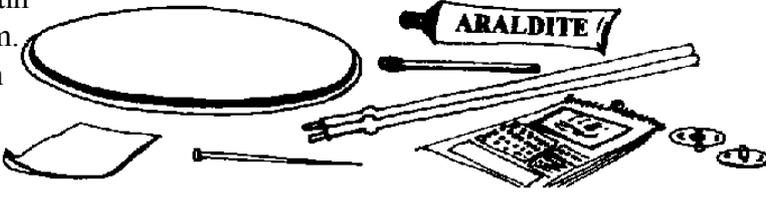
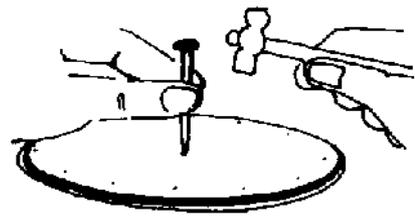
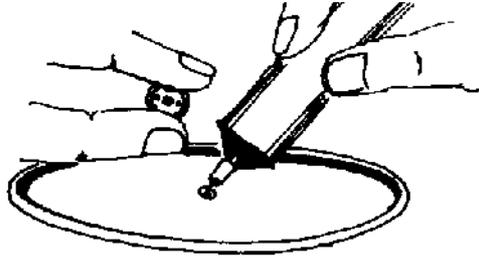
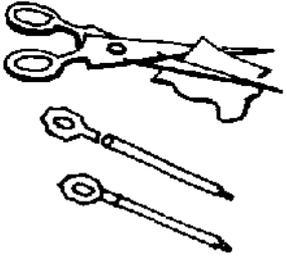
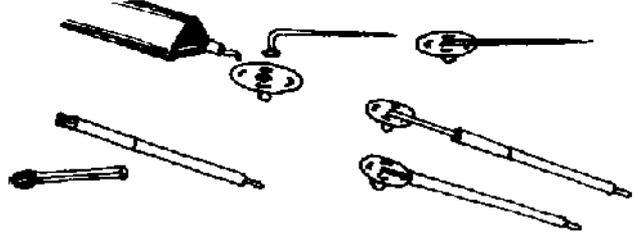
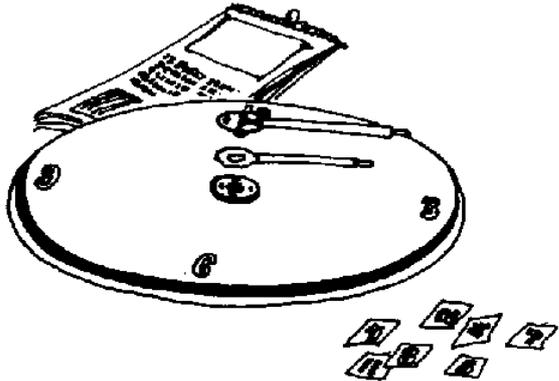
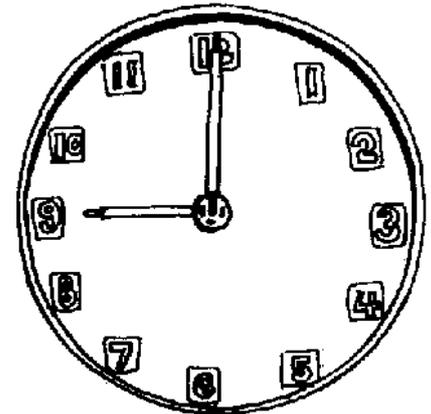


## TIN CLOCK

Today Montessori teaching aids have become so expensive that even the very rich schools cannot afford them. The Montessori Clock for teaching how to read time costs over Rs.200. Apart from its expense it also occupies a lot of space. You could build your own tin clock for less than One Rupee!

But then you will have to collect a lot of throw away junk.

<p>1. You will need a circular lid of an old tin box, an old ball pen plastic refill, a 1 cm. diameter press-button, some aluminium foil, a pin, a matchstick and some ordinary hand tools. You will need a small tube of Araldite to stick the button to the lid.</p>	
 <p>2. Make a hole in the centre of the lid with a nail.</p>	 <p>3. Stick one half of a big press-button in this hole using a drop of Araldite. Keep the assembly to dry overnight.</p>
 <p>4. Cut an 8 mm. diameter circle out of an aluminium foil. Punch a hole in its centre, and cut a little tongue in its rim. Insert a small plastic refill in this tongue. This becomes the hour hand of the clock</p>	 <p>5. Bend the head of a paper pin at right angles. Insert this head into the depression in the other half of the press-button and apply a drop of Araldite. Leave it overnight to dry. Now the pin will become attached to the press-button. Insert the pin point in a refill using a piece of matchstick as the wedge. This becomes the minutes hand of the clock.</p>
 <p>6. Cut numbers from 1 to 12 from an old calendar and stick them on the face of the tin lid to make the dial of the clock. Assemble the needles to complete the clock.</p>	 <p>7. Instead of the tin lid you can also use a circular cardboard for the dial. In this case you can sew one half of the press button in the centre of the cardboard.</p>