**Working with Reflected Images**

**Copying drawings by reflection**
Use a wooden clothes peg to support a sheet of clear glass vertically on the bench. Place the drawing to be copied on one side of the glass and a piece of white paper on the other. Look through the glass at the white paper and draw over the reflection of the drawing. Why must the glass be vertical? How does the copy differ from the original? Why is it an improvement to shield daylight from the paper you are drawing on?

**The clock face and a mirror**
Stand two mirrors at right angles to each other with their edges touching. These edges maybe joined with strips of tape. Place a clock in front of the mirror with the midline of its face opposite the junction of the two mirrors. Observe the image and compare with the image seen with a single mirror.