

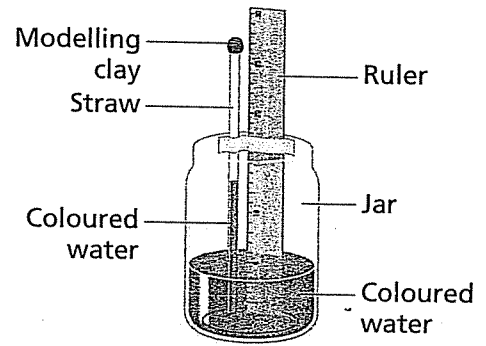
Try This

Make Your Own Barometer

Skills Focus: observing, measuring

1. Half fill a glass or jar with water. Add two drops of food colouring.
2. Put a clear plastic drinking straw in the water. Carefully suck on the straw until the water is halfway up. Pinch the straw at the top and seal the end with a piece of modelling clay.
3. Put a ruler in the jar beside the straw. Tape both the ruler and the straw to one side of the jar. Record the level of the water in the straw.
4. Make a table like the one below in your notebook.

Barometer



Date	Homemade barometer	School barometer

5. Check your homemade barometer once a day and record the level in the second column of your table. If the water level in the straw has gone up, the air pressure has increased. If it has gone down, the air pressure has decreased. Check the results from your homemade barometer against the school barometer. Record your reading from the school barometer in the third column.