



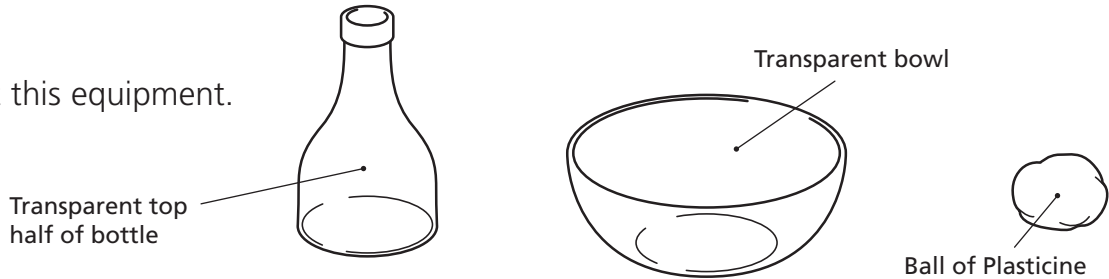
Name: ..... Form: .....

Based on pages 4 and 5 of *Gases around us*

# Can air be detected?

Try this...

1. Collect this equipment.



2. Half-fill a bowl with water.

3. Take the plastic bottle half and lower it into the water. How far does the water come up the side of the bottle?

4. Take the bottle out and cover the top with Plasticine. What do you think will happen when you lower the bottle into the water again?



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5. Lower the bottle into the water again and observe how far the water comes up inside the bottle. Write down your observation.



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6. Slowly peel back a small piece of Plasticine to make a hole. Push the bottle slowly into the water and listen carefully at the hole. With the bottle still in the water, put your hand near the hole, and then look inside the hole. Write down your observations.



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7. Try to explain your observations.

8. Cover the top of the bottle with Plasticine again and lower the bottle into the water. How can you move the bottle so you can see the air escape? Try your idea and write down your observations.



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