

# Balloons

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**This task is about observing the changes that happen when a balloon is heated in water**

- a) Your teacher will be demonstrating a science investigation.  
Complete this worksheet for the activity.

**Prediction**

Draw what the bottle and balloon will look like after the water has been heated.

**Explanation**

Explain why you think the balloon and bottle will look the way you have drawn them.

**Observation**

Draw a labelled diagram showing what you observed when the water was heated.

**Explanation**

Add to or change your ideas about why it happened.

- b) Sam and Hiria were investigating what happens to the size of a blown-up balloon when it is put in hot and cold places.

- i) Will the balloon get bigger or smaller or stay the same size when it is put in a freezer?

bigger / smaller / stay the same size *(Circle one)*

- ii) Will the balloon get bigger or smaller or stay the same size when it is put in a warm place in the sun?

bigger / smaller / stay the same size *(Circle one)*