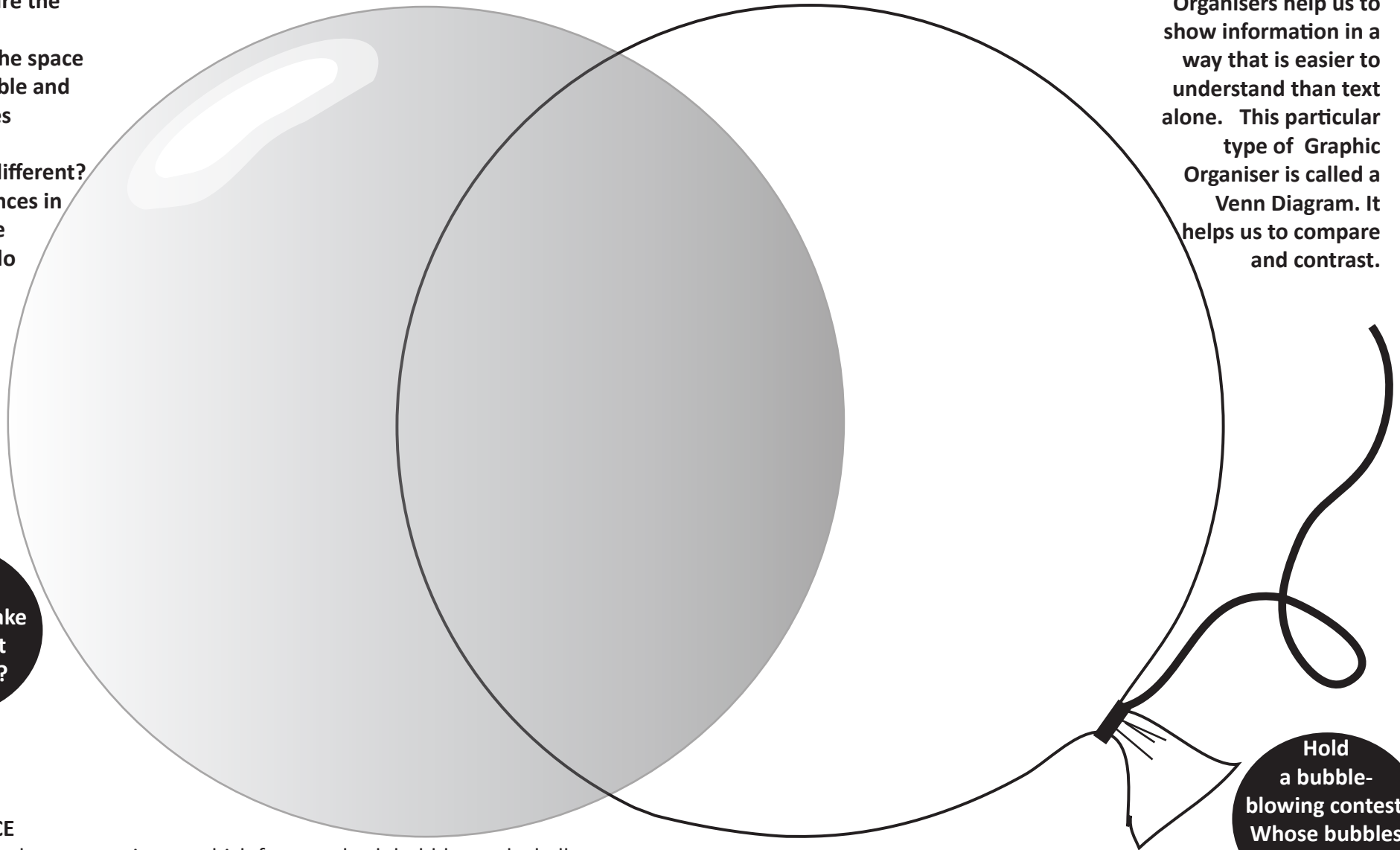


Bubbles & Balloons

Bubbles and balloons are both lots of fun! Think about the ways in which they are the same. List the similarities in the space where the bubble and balloon pictures intersect. How are they different? List the differences in the parts of the shapes which do not interact.

This diagram is an example of a Graphic Organiser. Graphic Organisers help us to show information in a way that is easier to understand than text alone. This particular type of Graphic Organiser is called a Venn Diagram. It helps us to compare and contrast.



What happens when you shake a can of soft drink? Why?

Hold a bubble-blowing contest. Whose bubbles are biggest? Why?

SIMPLE SCIENCE

Here is a safe and easy experiment which features both bubbles and a balloon:

1. Pour about 3 centimetres of vinegar and water (mixed equally) into an empty soft drink bottle.
2. Use a funnel to put some baking soda into a balloon.
3. Gently place the balloon opening over the neck of the bottle without letting any soda fall into the bottle. The balloon needs to be tight around the opening.
4. Holding the balloon in place at the neck of the bottle while lifting the rest of it so the soda falls into the vinegar/water mix.
5. What happens inside the bottle? What happens to the balloon? Explain why these things happen.