

Do all leaves look the same?

Leaves come in different shapes and sizes.

Come and explore some leaves with me!

We often see this kind of leaf.

This leaf is round.

Look! This leaf is tiny.

This leaf is long.

This leaf is big!

This leaf looks like a heart!

This leaf looks like a feather.

This leaf looks like my hand.

Circle the correct answers and fill in the blanks.

1



This leaf is
tiny / big .

2



This leaf is
short / long .

3



This leaf looks like a
hand / heart .

4



Leaves have different _____
and _____ .

LET'S DO THIS

Leaf art

Let's create some beautiful leaves on paper!

What you need:

- leaves
- white paper
- crayons



Only pick up leaves on the ground. DO NOT pick leaves from the trees or plants!



- 1 Collect some leaves of different shapes and sizes.
- 2 Put a leaf on the table.
- 3 Put a sheet of paper on top of it.
- 4 Colour over the leaf with a crayon.
- 5 Try using different leaves.

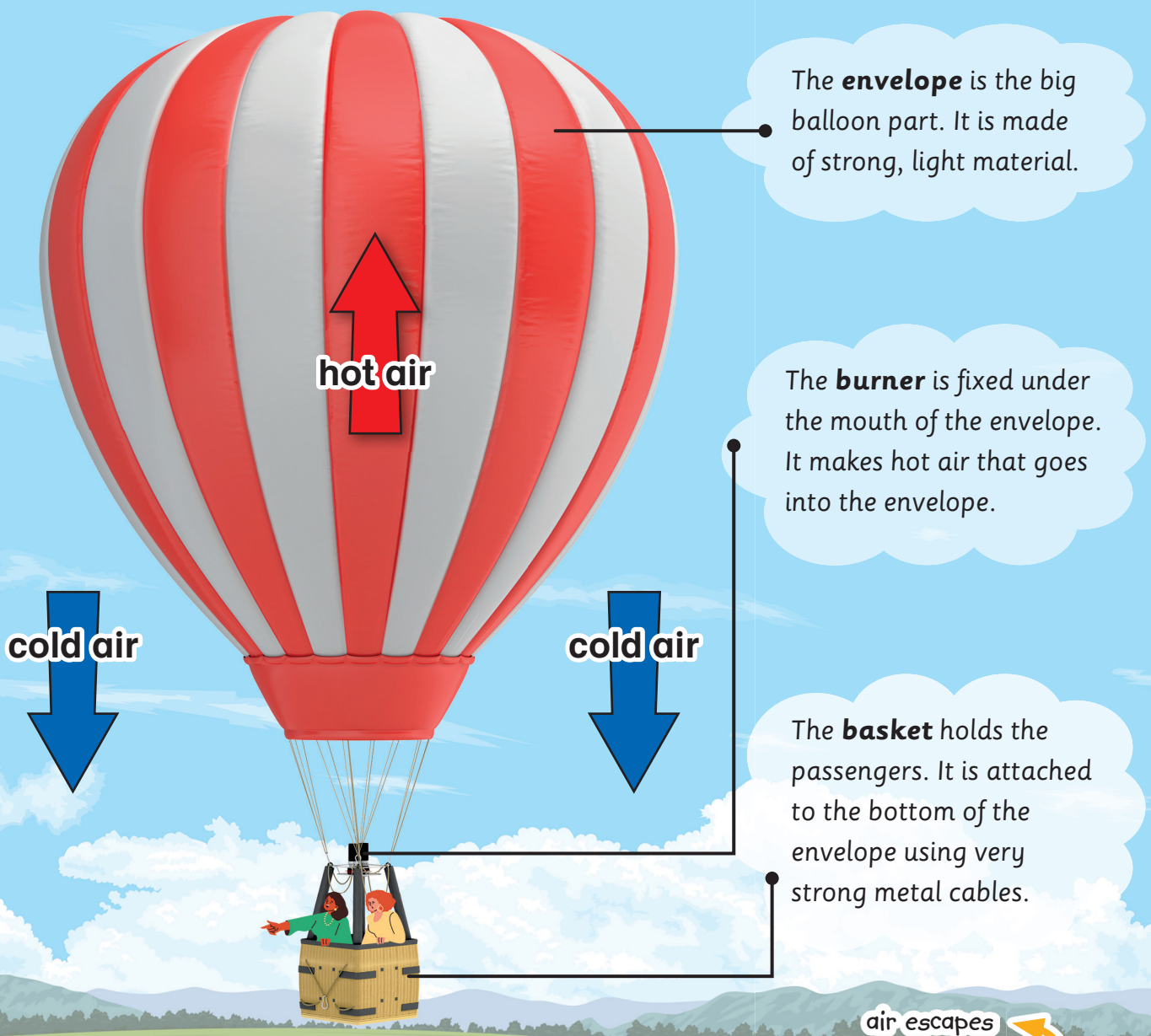
Share your leaf art with the class. Describe the leaves. Which is your favourite?

Leaves come in different shapes and sizes. How else are they different?

What makes hot-air balloons float?

Hot-air balloons can float in the air because they are filled with hot air. Hot air rises because it is lighter than cold air. Hot air inside the balloon makes it lighter than the air outside. This causes the balloon to rise up in the sky.

A hot-air balloon has three main parts – the envelope, the burner and the basket. These parts work together to make the balloon rise.



air escapes



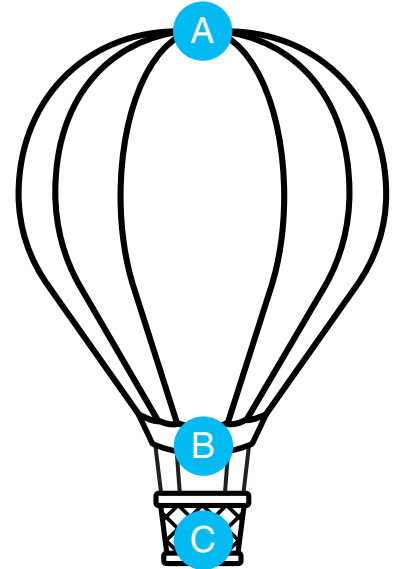
DID YOU KNOW?

?

To land the balloon, the pilot slowly lets the hot air out through an opening at the top of the envelope.

Answer the questions. Blacken ● the circles and fill in the blanks.

- 1 Hot-air balloons can float in the sky because ...
 - ☐ A. hot air rises.
 - ☐ B. cold air rises.
 - ☐ C. they are filled with cold air.
- 2 A hot-air balloon can only go upwards.
 - ☐ A. True
 - ☐ B. False
- 3 Look at the picture on the right. Which part are these sentences talking about?
 - (a) It heats up the air. _____
 - (b) Hot air comes out of it during landing. _____



LET'S DO THIS

Spinning paper

Here's an experiment to explore how hot air rises!

What you need:

- 1 sheet of paper
- scissors
- thread
- tape
- a lamp

- 1 Draw a spiral on the piece of paper and then cut along the line.
- 2 Tie the thread onto the top of the spiral.
- 3 Hold the spiral by the thread above a lamp. Ask an adult to check that the light bulb is warm.

Watch how the spiral spins as hot air from the lamp rises!

- 4 Repeat with different thicknesses of paper or spiral sizes. See how this affects the results!

Record a video of your spinning paper design and share your results.



Imagine you have the chance to travel in a hot-air balloon. Where would you like to visit and why?