

Rainbow in a Jar



The following science-based activity is designed to be adult guided.

You will need:

- A glass or jar with water
- A windowsill
- A sunny day
- White paper
- Crayons

Fun Fact!

After it rains, sunlight shines through little drops of water that stay **suspended** in the air. The drops act like a **prism**, which breaks up light into many beautiful colours.

Let's Investigate!

1. Fill the jar with water and set it on the windowsill in bright sunshine.
2. Place a sheet of white paper on the floor in front of the window.

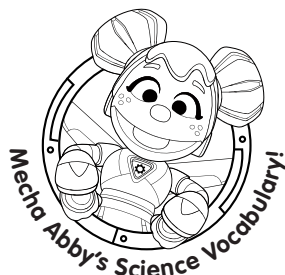
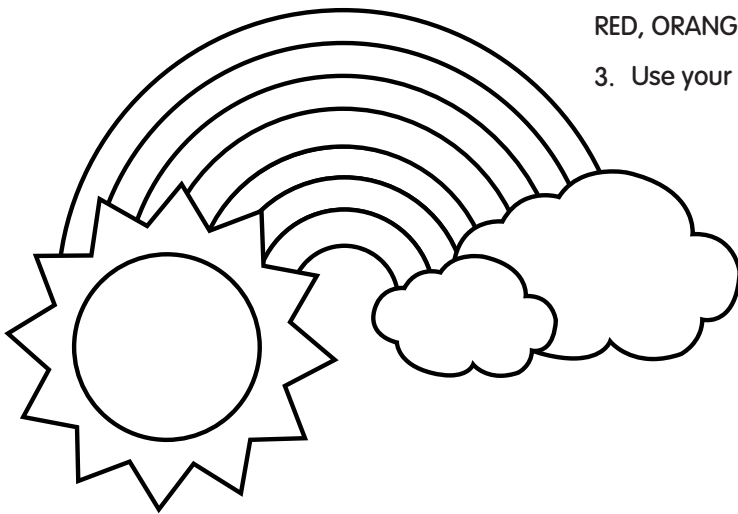
Observe & Discuss!

What happened? Did a rainbow form on the paper?
What colours did you see?

Think of the name "Roy G Biv" to help you remember the colours in the rainbow:

RED, ORANGE, YELLOW, GREEN, BLUE, INDIGO, VIOLET

3. Use your crayons to trace and colour in the rainbow.



Suspend

To hang.

Prism

Something clear, often with slanted sides, that breaks light up into many colours.

Early Learning Goals:

Communication and language, Physical Development, Personal, Social and Emotional Development, Understanding of the World, Expressive Arts and Design.

Year 1 (National Curriculum) - working scientifically.