A photograph of three children holding up a large white sign against a background of a blue sky with a rainbow. A boy in an orange and white striped shirt is on the left, a boy in a yellow shirt is at the top, and a girl in a blue shirt is on the right.

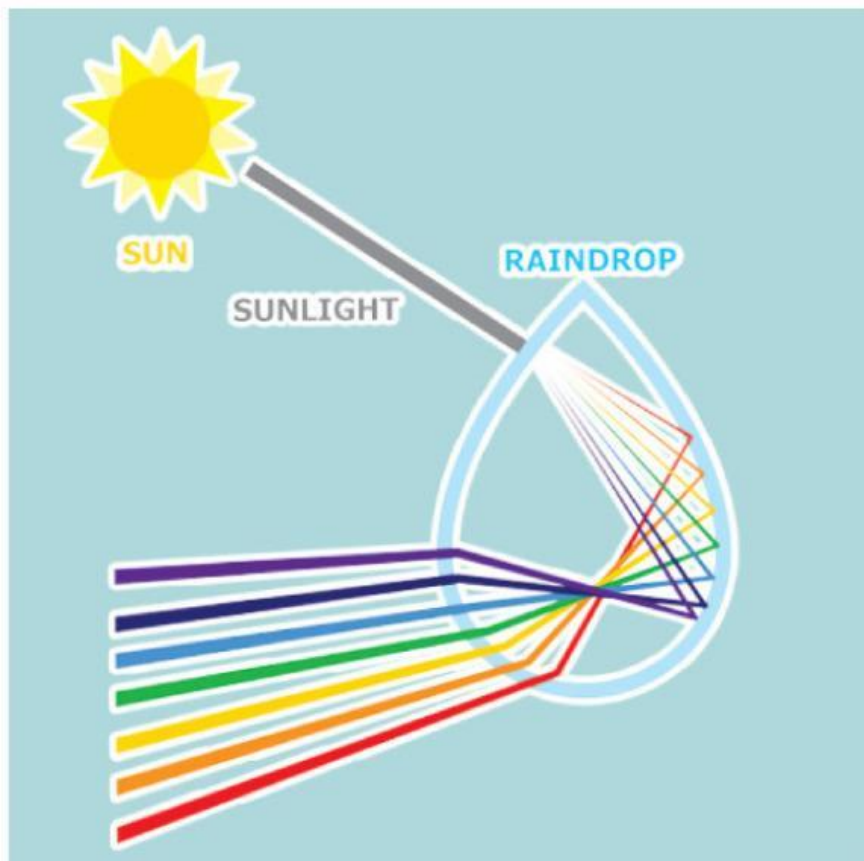
**A. Look up the highlighted words in the text in a dictionary.**

We can sometimes see rainbows when sunlight and raindrops come together.


Sunlight is white light and actually has different colours in it. We don't usually see them because when a **beam** of sunlight comes down to **earth**, the light is white.

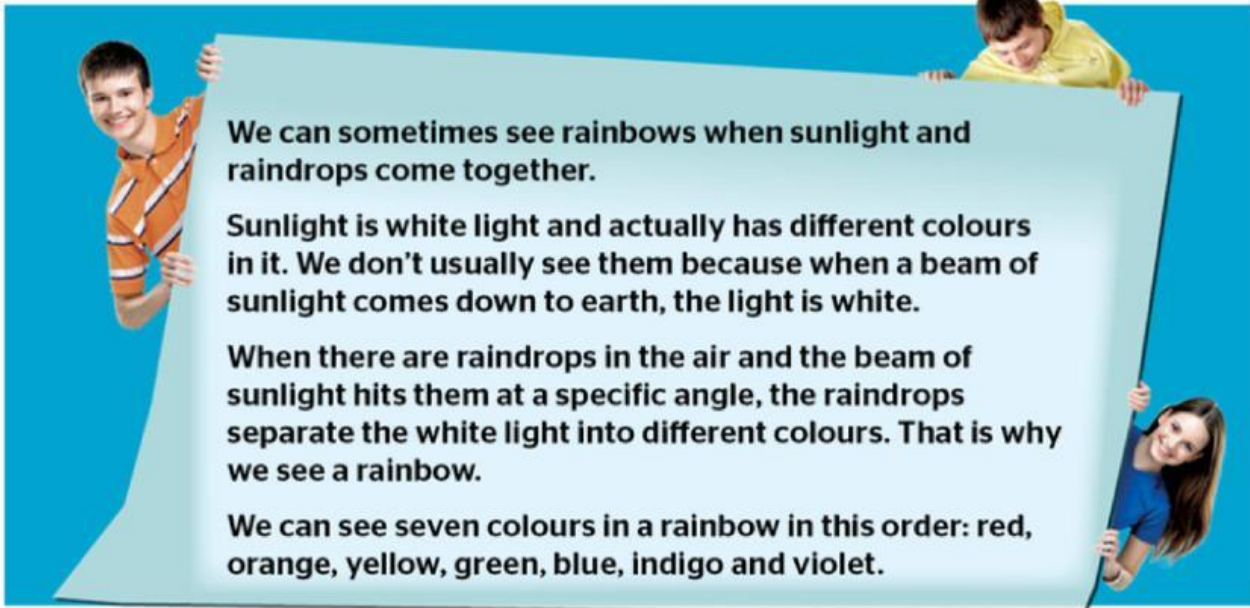
When there are raindrops in the air and the beam of sunlight hits them at a specific **angle**, the raindrops **separate** the white light into different colours. That is why we see a rainbow.

We can see seven colours in a rainbow in this order: red, orange, yellow, green, blue, **indigo** and **violet**.





**B. What do you know about rainbows? Why do rainbows appear after it rains?  
Listen, read and check your answers.** 



**We can sometimes see rainbows when sunlight and raindrops come together.**

**Sunlight is white light and actually has different colours in it. We don't usually see them because when a beam of sunlight comes down to earth, the light is white.**

**When there are raindrops in the air and the beam of sunlight hits them at a specific angle, the raindrops separate the white light into different colours. That is why we see a rainbow.**

**We can see seven colours in a rainbow in this order: red, orange, yellow, green, blue, indigo and violet.**

**C. Find the mistakes in the rainbow below.**

---

---





## Project

**Do an experiment!**

You will need:



a sprayer



sunlight



a plant

1. Fill the sprayer with water.
2. Go outside on a sunny day.
3. Stand with your back to the sun. Have something dark (e.g. a large plant) in front of you.
4. Spray water in the air.



**WHAT DO YOU SEE?**