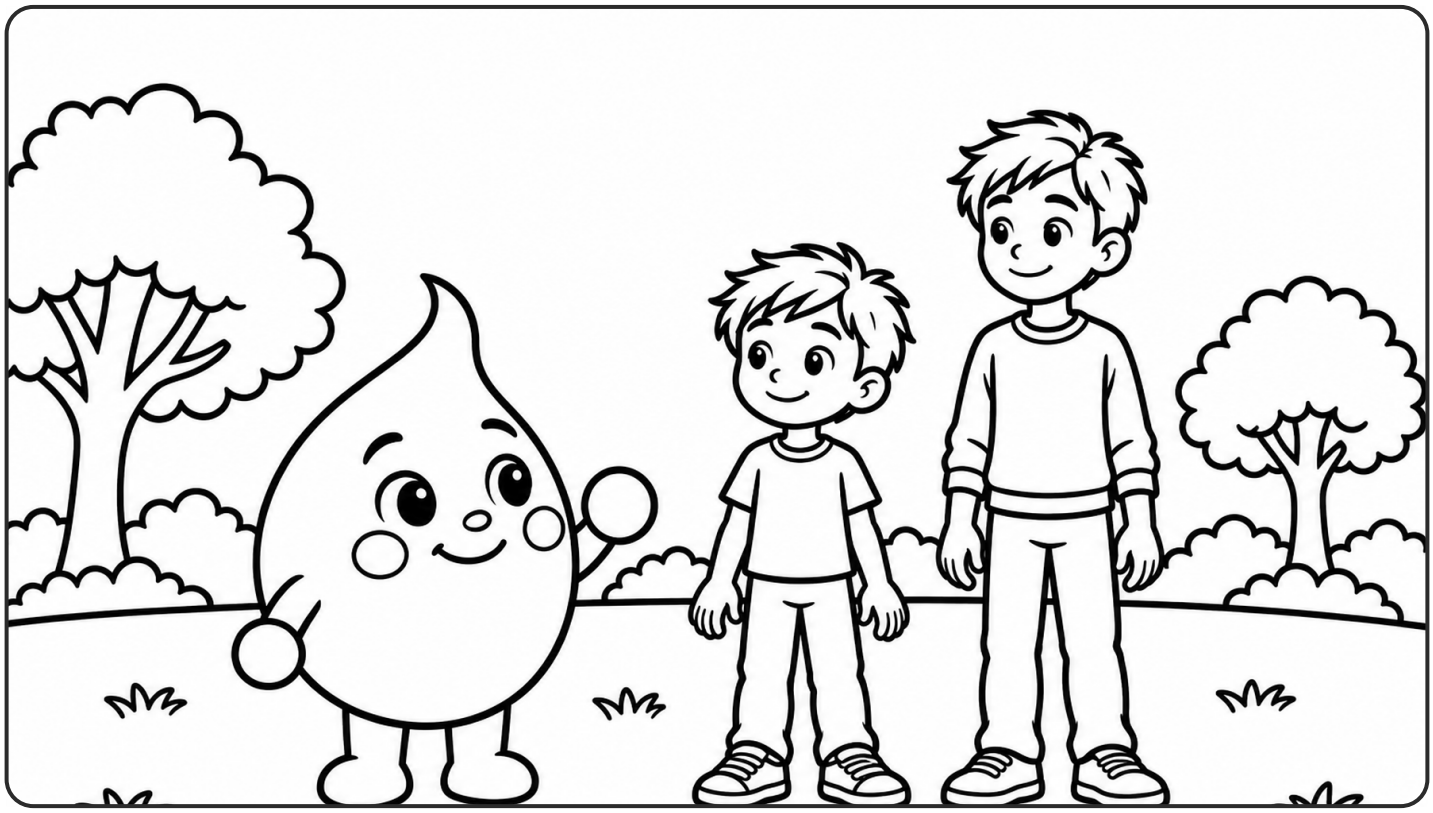
Why is the sky blue?

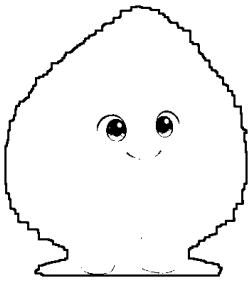
Look up! The sky is so blue! Why is the sky blue?



Why?

1. **Rainbow light**
   Sunlight looks white, but it is really all the colors of the rainbow mixed together.
2. **Blue bounces**
   When sunlight bumps into tiny bits of air, blue bounces off the most, this way and that way all over the sky.
3. **Blue everywhere**
   When you look up, blue light comes at you from every part of the sky. That's why the sky looks blue!

Color Sunny too!



Try it! Watch the sky

You need: a grown-up

1. Watch the sky with a grown-up as the Sun goes down.
2. See the blue turn orange and red? Never look right at the Sun!

What happened? At sunset, sunlight travels through much more air to reach you.

Video + more questions:
whywhywhykids.com/sky

scan with a grown-up