5 Wonder Questions

Ages 3–5

Grown-up reads the question. Child guesses. Then read the answer together.



Why is the sky blue?

The air bounces blue light all around.



Do fish sleep?

They rest, but not the way we do.



Why are flamingos pink?

From the food they eat!



Why does the Moon change shape?

We see more or less of its sunny side.



Why do we get goosebumps?

Tiny muscles pull our hairs up.

5 Wonder Questions: answers

Ages 3–5

For grown-ups: the answers, and the page we checked each one against.

1. **Why is the sky blue?**

Sunlight has all the colors mixed together. The air bounces the light around. Blue light gets bounced the most. So blue fills the whole sky.

Source: NASA Space Place: Why is the sky blue?

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2. **Do fish sleep?**

Fish don't sleep the way we do. But most fish do rest. They slow down and still keep watch. Some float still. Some tuck into mud or coral.

Source: NOAA Ocean Service: Do fish sleep?

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3. **Why are flamingos pink?**

Flamingos turn pink from their food! They eat algae and tiny brine shrimp. Those foods have color inside them. Baby flamingos hatch white and gray.

Source: Smithsonian's National Zoo: Why are flamingos pink?

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4. **Why does the Moon change shape?**

The Moon doesn't really change shape. The Sun always lights up half of it. As the Moon goes around Earth, we see more or less of that bright half. One full cycle takes about 29 and a half days.

Source: NASA Space Place: Moon phases

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5. **Why do we get goosebumps?**

Each hair on your skin has a tiny muscle. When you're cold, those muscles squeeze. They pull the hairs up and make little bumps. The raised hairs trap a little air that helps keep you warm.

Source: Ask Dr. Universe, Washington State University: Why do we get goosebumps?
