Why? is one of kids’ favorite questions. And that is a good thing! It means you’re curious about the world and how it works.

**Bubbles are a thin wrapper of soap filled with air.** When air meets soap, the soap sticks together around it. As the air pushes to get out, the soap pulls to stay together. This makes a bubble.

**Why does soapy water make bubbles?**

Next time you’re at the aquarium, spend some time with the dolphins. They blow air bubbles underwater, and then play with them until they pop.

**Bubble-icious Experiment**

Make your own bubble mix and experiment with making bubbles.

**You’ll Need**

- 2/3 cup dish soap
- 3 tbsp. glycerine
- 1 gallon water

1. Mix all the ingredients together. Let sit overnight.
2. Dip your hand in the bubble mix.
3. Curl your fingers to make an O shape and blow!
Try the bubble-making activity on the flip side. Here are more answers to common why? questions!

1/WHY AM I SPECIAL? There is nobody else in the world exactly like you. Even identical twins are different in some ways. Nobody else has eyes exactly like yours. Your fingerprints, footprints, and tongue print are not like anybody else’s.

2/WHY DO I HAVE TO GO TO BED EVERY NIGHT? People need sleep. Sleep helps your body take care of itself. You also grow as you sleep.

3/WHY DO BALLOONS FLOAT? Floating balloons are filled with helium. Helium is a gas that is lighter than air. Because it is lighter, gravity has less pull on it, and it floats.

4/WHY ARE SOME ANIMALS STRIPED? Stripes help tigers that hunt alone blend in with the grasses where they live. Zebras live together in herds. Their stripes make them blur together and make it hard for predators to see just one to chase.

5/WHY DO WE SEE A RAINBOW? Rainbows are sunlight and water. When it has just rained or is about to rain, there is water in the air. When sunlight hits the droplets, it separates, and we see all the colors of light.

ACTIVITY

Make a list of why? questions and see if you can find the answers!

FUN FACTS!

1 If you let go of a helium balloon, it could go up for about six miles (9.6 km) before it pops.

2 A zebra’s stripes are like your fingerprints—completely unique.

3 The colors of sunlight are red, orange, yellow, green, blue, indigo, and violet.

There are 25+ titles in the popular Little Kids First Big Book series for ages 4–8!