



BUT WHY

A Learning Guide

Kindergarten to Grade 3

But Why is a podcast led by you, kids! It's a big interesting world out there. Kids all over the world send us questions, and we find the answers. We've created these learning guides to be used in a classroom setting or at home. Listen to each episode and use this guide to deepen your understanding of what you've heard.

Find more episodes at butwhykids.org.



How do mussels get their shells?

BIG QUESTION: Why is the sea salty? - Chase, 9

What is the difference between fresh water and salt water?

Draw or write
in the boxes.



Try it: Salt Water Density Experiment

Two tall glasses big enough to hold an egg

Warm water

Salt

1. Start by filling one glass about $\frac{3}{4}$ of the way full with water.
2. In the other glass, fill to the same height with water. Now stir in 3 tablespoons of salt. Mix well to dissolve the salt!
3. Add an egg into each glass. Observe.

The egg in the salt water should float because it is more dense.

What happened to the eggs?

Ask an expert. Who?

Find a safe source. Where?

What will you ask?

What other questions do you have about this topic? How will you find the answer?
