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?

**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?**