Diving Bell Submariner!

Diving Bells and **Submarine Rescue Chambers** are built to bring air and space under the sea. This keeps sailors dry, with air to breath, as they explore underwater, or escape a sunken vessel.

Test Your Own Diving Bell!

1. Color the sailors on this page and cut them out.
2. Tape one of your sailors to the inside bottom of a cup. This cup is your sailor's diving bell.
3. Hold the cup upside down. With the rim of the cup touching the water first, can you fully submerge your diving bell cup, and take it out of the water again without your sailor getting wet?
4. Try the experiment again with your second sailor!

Materials

1 cup

1 basin of water

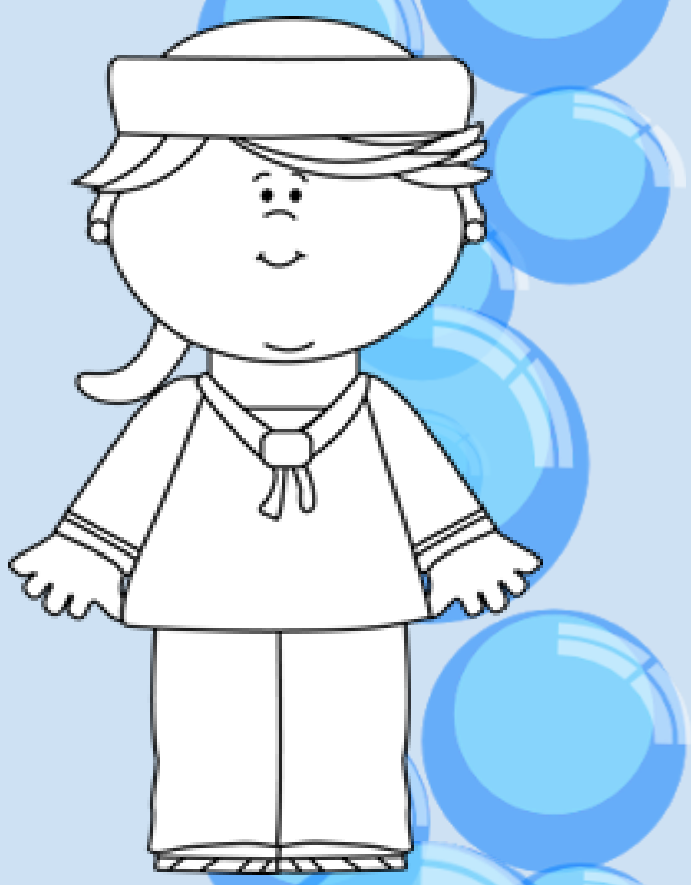
washable markers

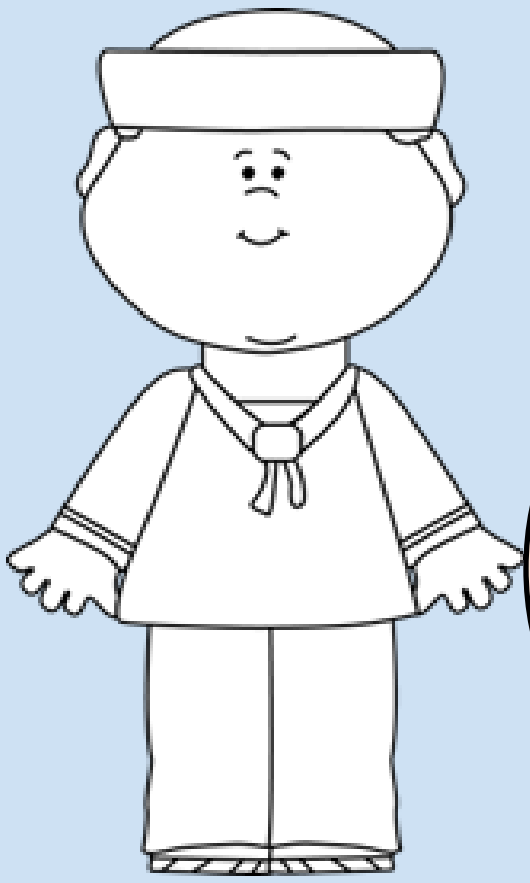
tape

What Happened?

Why didn't the air escape the diving bell?

In order for the air to escape the diving bell, it would have to push past the water to move under the rim of the bell. Because air is less dense than water, it cannot push past to escape, and remains inside the bell!





Color and cut out the sailors for your experiment!

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