



15-minute STEAM: Ocean Sensory Bottle



Supplies Provided:

One lightweight plastic bottle
Baby Oil
Clear or colored glass pebbles
Fish/Ocean themes beads



Supplies From Home:

Water
Blue food coloring or blue water color paint
--just a drop or two

1. Fill the bottle halfway with water, add the blue coloring and your trinkets.
2. Slowly pour the oil on top until the bottle is full.
3. Screw the lid on tightly (maybe even use a hot glue gun to glue it shut.)
4. Shake it up and watch the mesmerizing “wave” action as the oil and water slowly separate. It’s a calming sensory experience and a beautiful keepsake from the summer.

The Science

Water and oil do not mix because of their distinct molecular structures. Oil is less dense than water, causing it to float on top. This provides a slow-moving, captivating, and safe visual experience.

Density & Buoyancy: Items with higher density sink to the bottom, while less dense items float on top. This allows for the creation of layered effects (e.g., oil and water).

idea & photo taken from: postagemaster.com/summer-crafts-kids-elementary/



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