

AQUARIUM IN A BOTTLE



DIY Resource Sheet

OVERVIEW

Prep time: 15 minutes

Difficulty: Easy

Estimated Cost: 50 AED

Mess level:

Age: 1 plus

Instructions:

- Fill bottle with approximately 2 inches of sand.
- Fill bottle with water.
- To prepare their aquarium add small shells and a drop of blue food coloring to the water.
- Next have them select animals and put them inside their aquarium.
- Close the bottle tight and the sensory bottle is ready to be played with. (You may want to seal the bottle shut by gluing the lid on.
- We left our bottle lid unglued because we want to retrieve our ocean animals once we are done with our sensory bottles.

Benefits:

These DIY bottles can address a wide range of concepts and can be adapted to meet the needs of the children using them.

- Math skills: counting, matching, shape recognition, spatial reasoning
- Pre-reading skills: letters, sounds
- Vocabulary skills: descriptive language, following directions
- Fine motor skills
- Science skills: Sink/float concepts, introduction to the scientific method – making an observation, asking a question, testing a hypothesis or prediction

What you need

- Sand
- Empty bottle (We used a plastic VOSS Water Bottle)
- Small ocean animal toys
- Water
- Blue food coloring (optional)
- Small shells (optional)

Ways to adapt:

They are literally hundreds of different sensory bottles that can be made. You can look at a different sheet to get some inspiration.

Notes

Store in a cool room for long lasting use.

For babies you will obviously need to make but as children get older the actually making of the bottle is something they will really enjoy.