



Ocean Habitat

OCEAN WAVES DISCOVERY BOTTLE

NATURE PLAY ACTIVITY



Extended Learning Partnership

Oceans: Nature Play Activity

Materials:

- Glass/plastic bottle with a lid
- Rocks
- Baby/mineral/vegetable oil
- Water
- Blue food coloring

Optional Materials:

- Small shells
- Sand



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Instructions:

1. Gather your materials! Head outside to find some small rocks, sand, etc. Make sure your bottle is clean.
2. Pour water into a small bowl. Add a small amount of blue food coloring and mix. Continue adding food coloring until you get a shade of blue you like.



Oceans: Nature Play Activity

3. Place the rocks, sand, or shells that you gathered in the bottom of the bottle. Pour the blue water in next. Lastly, add a small amount of the oil on top.



Oceans: Nature Play Activity

Tip the bottle on its side and watch the waves form in the bottle! Watch how the oil and water interact with each other, do they mix together? Why or why not?



What else can you observe from watching the waves? Consider how waves in the ocean may behave similarly or differently.

