



SOTEAG

Teacher Notes

Activity: Seawater (saltwater) Science

Summary

Children will investigate water density. Children will use two beakers, one filled with water and one filled with water and salt. Children will add the same jewels to both beakers and observe and describe what happens. The children will be guided through the experiment and the teacher will discuss the role salt plays in water.

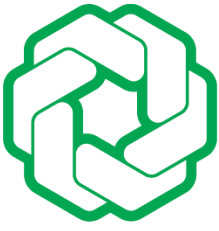
Materials per small group

- Two beakers
- Salt
- Water
- Plastic jewels

Teacher Instructions

1. Split the class into groups of roughly 4 children. This will encourage discussion within groups.
2. Ensure that each group has two beakers, salt, water and an object.
3. Fill beaker 1 half full with water.
4. Fill beaker 2 half full with water and add two teaspoons of salt.
5. Add a few plastic jewels to beaker 1.
6. Ask the children to observe and describe what has happened to the objects.
7. Now add the plastic jewels to beaker 2.
8. Ask the children to observe and describe what has happened to the objects.
9. A worksheet is available for children to write down their observations.
10. Talk to children about water density and ocean density.
11. Discuss: How did they find this exercise?





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Context for use

This activity is ideal to start teaching children about:

- Water density
- Ocean
- Environmental issues

Time: 1/2 hour

**Subject Areas: Geography, Environmental Science and
Biology**

Resource Type: Classroom

Age: Primary School

Learning Goals

1. Children will make accurate observations.
2. Children will learn about density and identify the role salt plays in water.
3. Children will work in small groups to facilitate discussions and shared observations.





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Expected results



Beaker 1



Beaker 2

