

Float and Sink



-- Teacher's Guide --

For this activity students are challenged to make the same object both sink and float, encouraging them to think about why objects either sink or float, and then how it is possible that the same object can be made to both sink and float.

This resource has two differentiated results sheets and questions:

Diff. 1 – A simple question about the properties of items that sunk.

Diff. 2 – A question to encourage critical thinking about how it is possible the same object can be made to both sink and float.

A great follow up activity is to get your class to design and build a paper boat, seeing which boat is able to carry the most cargo without sinking.

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Find two of each object in the table below. See if you can get one to float and one to sink and record your results in the table.

Name: _____

Object	Can you get one to float?	Can you get one to sink?

Which item did you get to float that surprised you the most? _____

What do you notice about the items which sank? _____

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Name: _____

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