

Will it **SINK?** Will it *float?*



Intellectual
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Alex Horne tested **seven-year-old Callie's** awesome bathtub invention! We know ducks can float, but what else will float in there? **Let's find out!**



TASK: Drop a plasticine ball into water - does it **sink or float?**

Why?

Now **reshape** it to make it **float**.
Draw a picture of your design here:

Next, try adding 'passengers' like Lego bricks or marbles.

How many can it hold before sinking?

Finally, adjust the shape to carry more.

Which shape holds the most, and why?

Draw a picture of
your final design here: