## Epistemic Insight

## shy did the sink?



.how did it manage to sink?

I went to the fruit bowl in my kitchen and picked out a grape and a watermelon, but I accidentally dropped them into my washing up bowl! To my surprise, the watermelon floated on the water. Even more surprising, the grape sank to the bottom!

Why did the watermelon float when it's so heavy?

And why did the grape sink even though it's so small?

## Predict, Observe, Record

Check with an adult that you can use a bowl or the sink for some scientific explorations. Fill with water. Choose a variety of fruit to put in the water.

Essentia Experiences

Science

Were

there too

many

passengers?

Which do you predict will float? Which will sink? Why?

Was

the ship

too heavy to float?

Observe what happens to each fruit and record. Were your predictions correct?

Can you make something that floats sink? (e.g. what happens if you poke a hole in it? Can you wrap it in something e.g. an elastic band?)



