

Properties of Matter

Density

SCIENCE!



2nd Grade
Ms. Godoy

LIVEWORKSHEETS

Properties of Matter

Density

Question

Why do some objects float or sink?

Research

Density is the factor that determines whether an object floats or sinks in water.

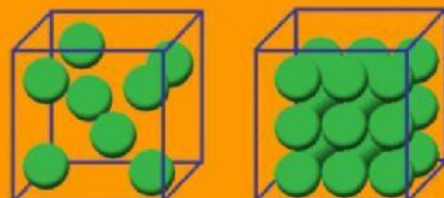
Float is to rest on the surface of or be suspended in a fluid.

Sink is to go to the bottom.

WHAT IS DENSITY?



Density



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Hypothesis

What do you think is going to happen with the oranges?

This orange will **float**.

This orange will **sink**.

Unpeeled



Peeled



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Materials

2 containers
2 oranges
Water



Procedures

1. Pour the water into the bowl
2. Put unpeeled orange in.
3. Peel off the orange and try it again.

MATERIALS

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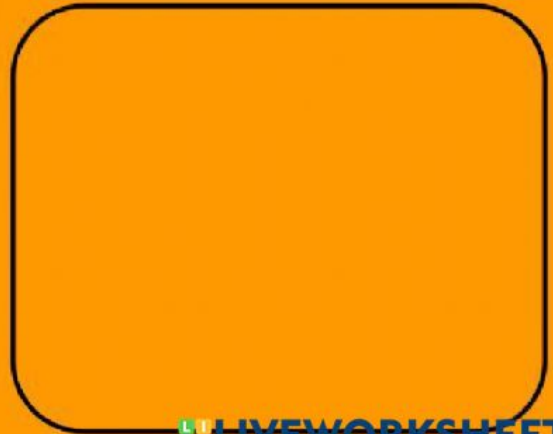
Observations

What happens with the unpeeled orange?
Check if it's floating or sinking!

It is _____.

What do you see?

Take a picture of the experiment.



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Observations

Now, what happens with the peeled orange?
Is it floating or sinking?

It is _____.

What do you see?

Take a picture of the experiment.



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Data and Results

Oranges	What happened?	Evidence (Insert Picture)
Unpeeled orange		
Peeled orange		

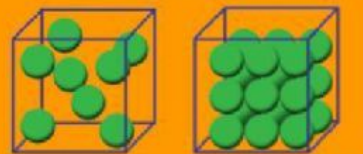
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Conclusions

Skin of an orange is full of tiny pores full of air that makes it more voluminous. After peeling the orange, we have lowered both mass and volume. that means the density is now larger. It's larger than the density of the water and – it sinks!

My Hypothesis was _____

Drag and drop the appropriate answer.

Correct

Incorrect

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Reference



STEM LITTLE EXPLORERS – STEM ACTIVITIES
FOR KIDS

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 **LIVEWORKSHEETS**