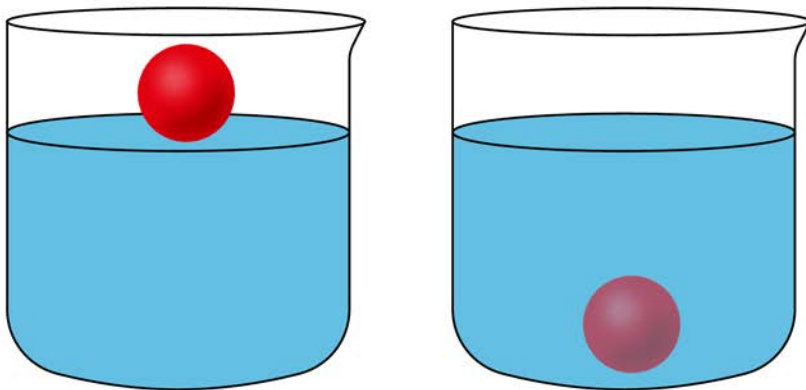


AAC Core Word Experiment Float or Sink?



Core word targets IN, UP, DOWN



Experiment Supplies



leaf



key



rock



spoon



cork



pencil



block



ice cube



paperclip

You will also need a container of water.



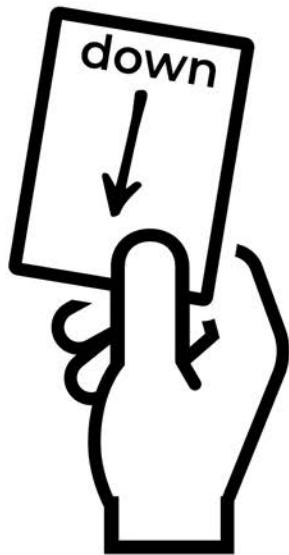
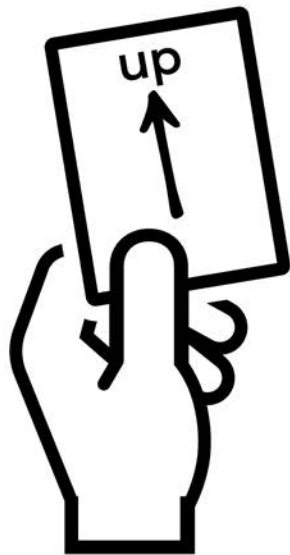
Some things float because they are light or spread out, and the water can hold them up.



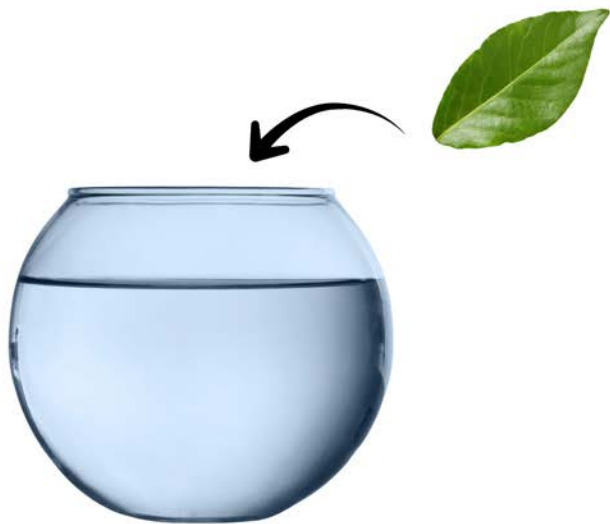
Other things sink because they are heavy or packed tightly, and the water can't hold them.



Can you guess what will stay up and float and what will go down and sink?



Experiment 1: Put the leaf in the water.



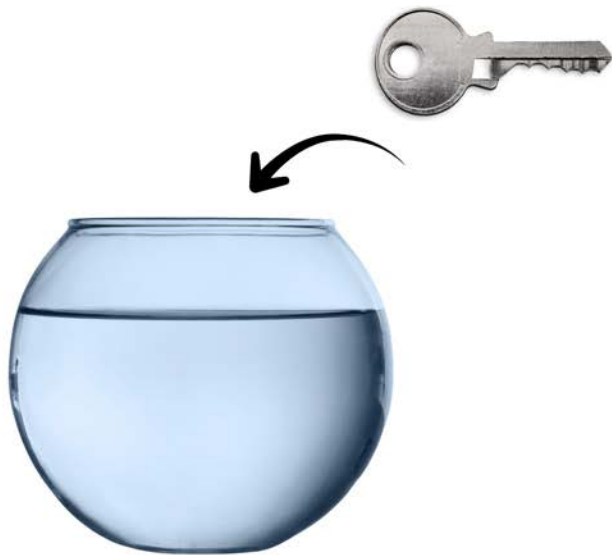
↑ Stay up and float

↓ Go down and sink?

What do you think?



Experiment 2: Put the key in the water.



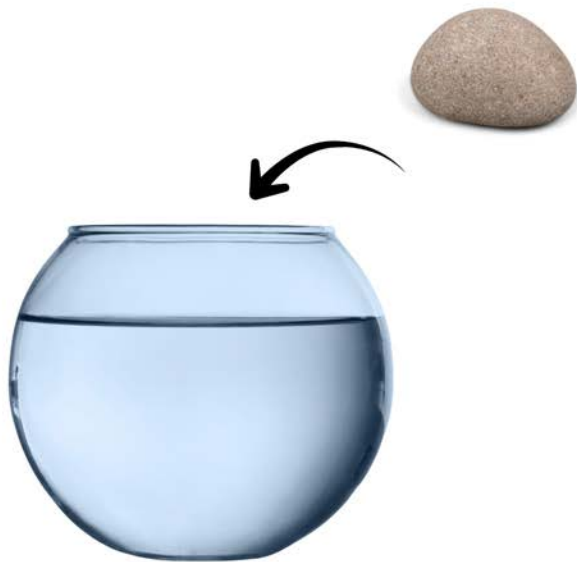
↑ Stay up and float

↓ Go down and sink?

What do you think?



Experiment 3: Put the rock in the water.



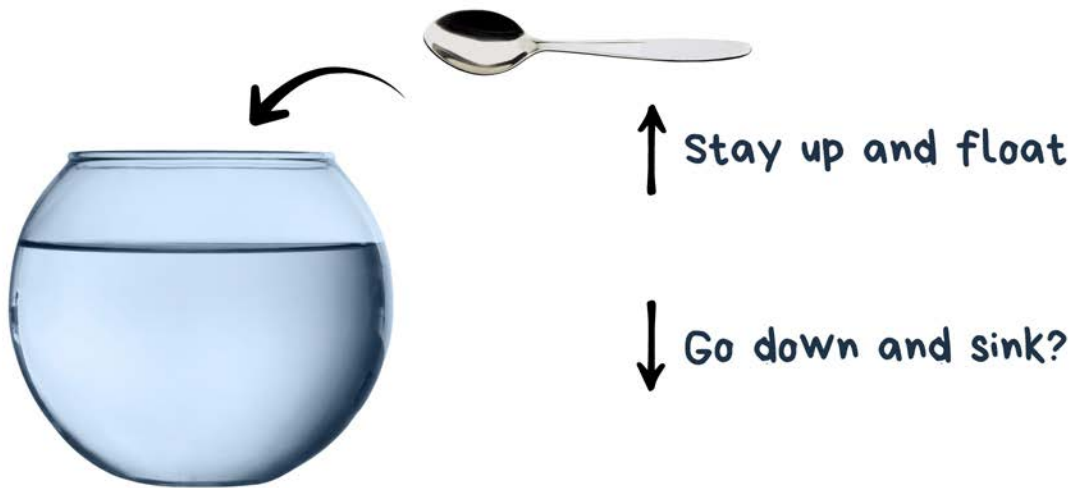
↑ Stay up and float

↓ Go down and sink?

What do you think?



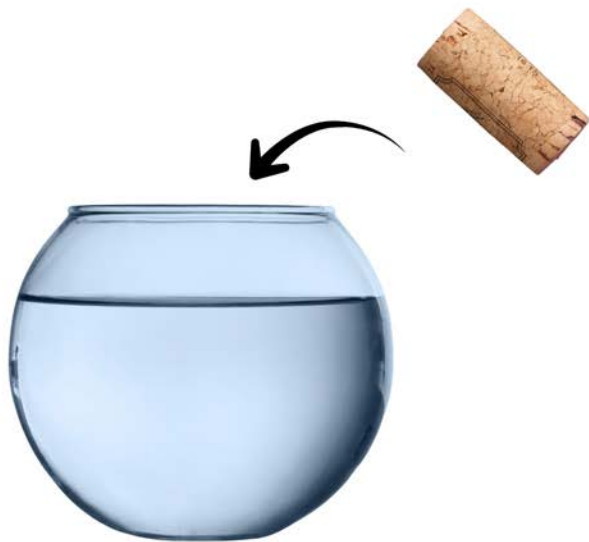
Experiment 4: Put the spoon in the water.



What do you think?



Experiment 5: Put the cork in the water.



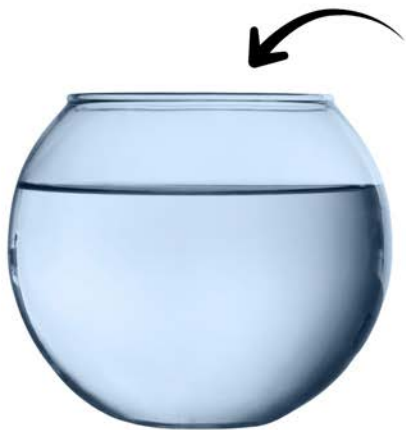
↑ Stay up and float

↓ Go down and sink?

What do you think?



Experiment 6: Put the pencil in the water.



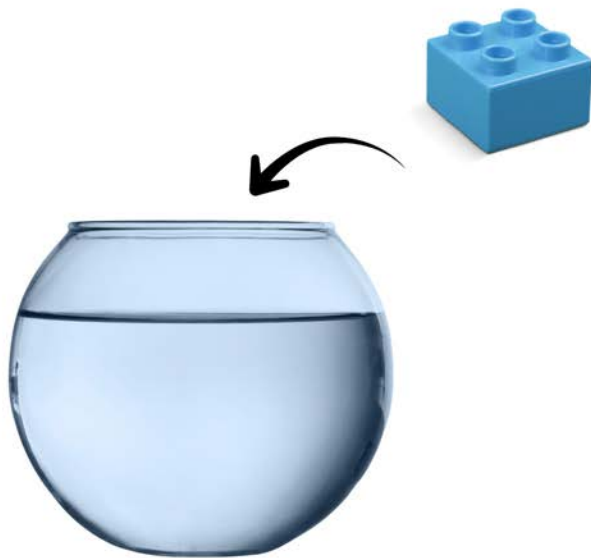
↑ Stay up and float

↓ Go down and sink?

What do you think?



Experiment 7: Put the block in the water.



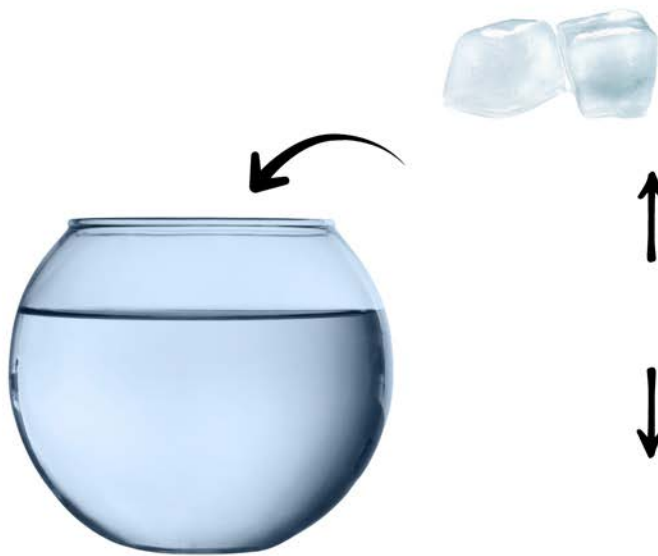
↑ Stay up and float

↓ Go down and sink?

What do you think?



Experiment 8: Put the ice cube in the water.



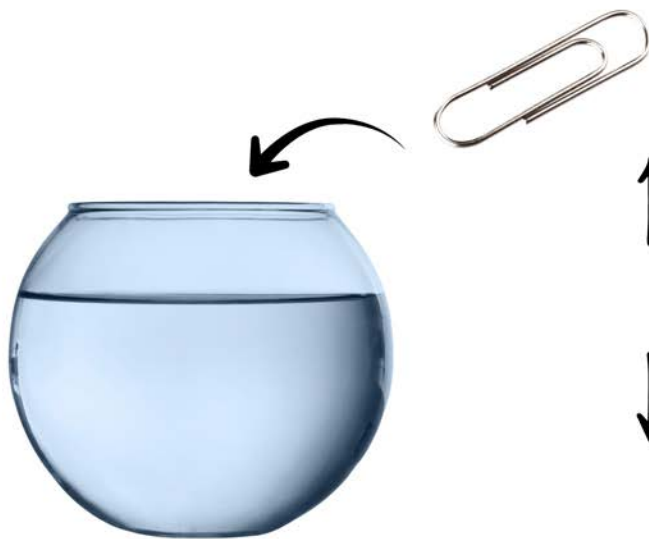
↑ Stay up and float

↓ Go down and sink?

What do you think?



Experiment 9: Put the paperclip in the water.



↑ Stay up and float

↓ Go down and sink?

What do you think?



Experiment 10: You choose an object to try!



Stay up and float



Go down and sink?

What do you think?



Partner Prompt: the next three slides are designed to get your students thinking and talking. All responses are GREAT! There are no correct answers here, just opportunities to discuss and participate!

Conclusions: Think About It!

Why do things float?



They are light



They are spread out



They are buoyant

Partner Prompt: the next three slides are designed to get your students thinking and talking. All responses are GREAT! There are no correct answers here, just opportunities to discuss and participate!

Conclusions: Think About It!

Why do things sink?



They are heavy

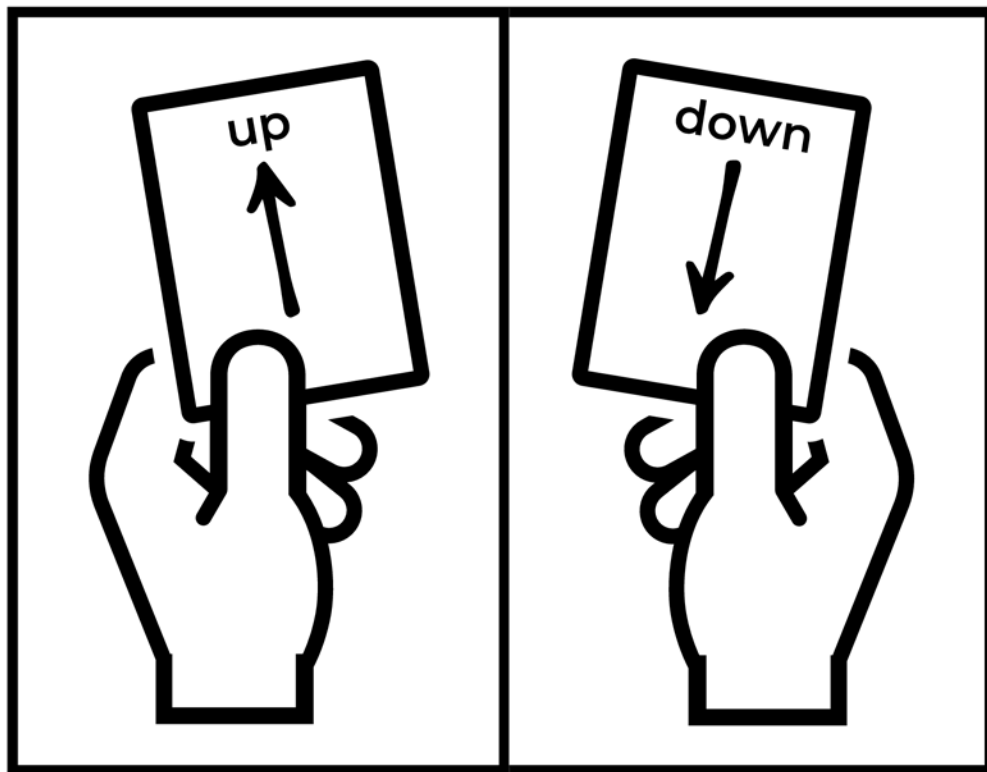


Fills up with water



It is density is
greater than water

Print one “up” and “down” card for each student to use during the experiment.



ELA & AAC in Science

Start Up Steps for Teachers

Choose Target Words

Core (Tier 1): in, up, down | **Concept (Tier 2):** heavy, light, same, different | **Academic (Tier 3):** sink, float, water, experiment, predict

Decide How Students Communicate

Speech • Classroom board • Single or step switch • Smartboard AAC app • Personal AAC system

Locate Words in AAC System

Find each target word in the app or board.

If a word is missing, add a quick temporary button or page for easy access.

Create Light-Tech Supports

Print or post key words.

Attach words to single-message switches for students without high-tech AAC options.

Practice Before the Lesson

Have adults model and practice the target words.

Everyone should know where to find and use them naturally.

During the Experiment

Model and connect language:

 "It sinks!"  "It floats!"  "I think it will float."

Reinforce vocabulary during discussion, drawing, or writing.



Tip:

Keep a visual of the core, concept, and academic words posted during the activity so everyone can model and connect language throughout the experiment.

Thanks for
experimenting
with us!



If you like this activity, visit our BOOM or TPT stores for additional books, activities and printables!

