

My

Scientific



Studies

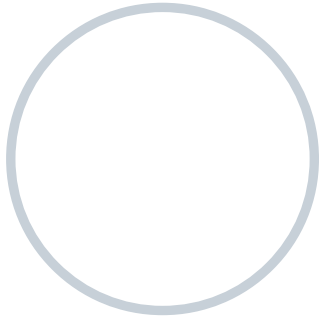


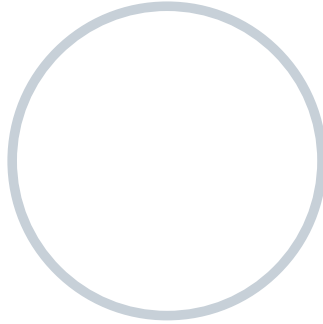
THIS RESEARCH BELONGS TO

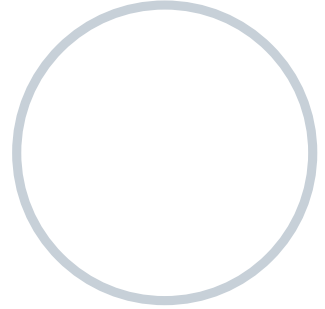


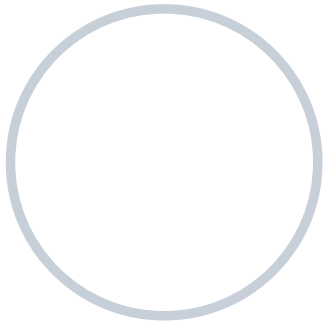
WHAT'S UNDER THE MICROSCOPE?

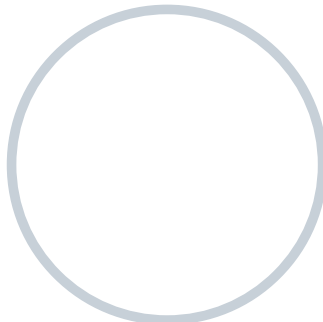
Draw and label what you see under the microscope.

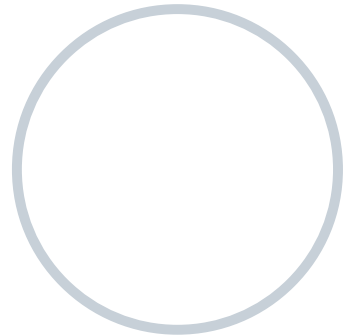


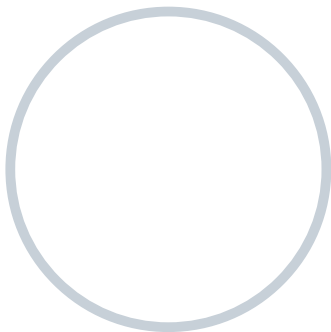


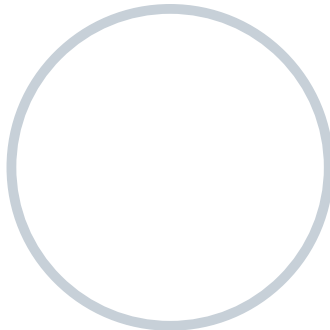








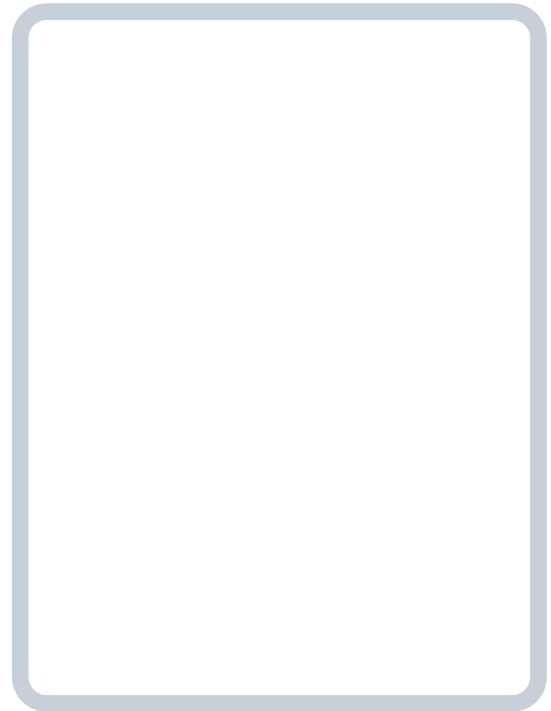




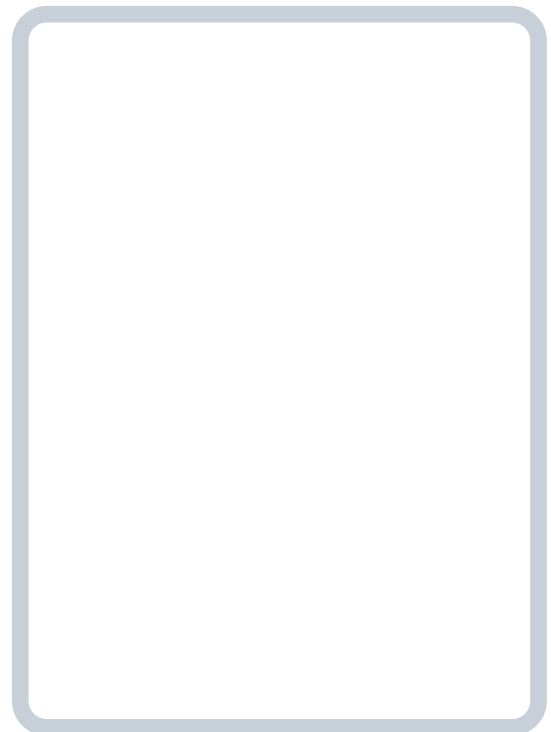


DENSITY OF LIQUIDS

How do you think the ingredients will layer in the glass? Label and color your predictions in the picture to the right.



After conducting the experiment label and color the results in the picture on the right. How do the results compare to your predictions?



THE SCIENTIFIC METHOD

Use the Scientific Method to conduct an experiment.

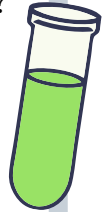
1. QUESTION What do you want to know?



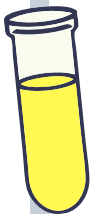
2. HYPOTHESIS What do you think will happen?



3. MATERIALS What do you need to test your hypothesis?



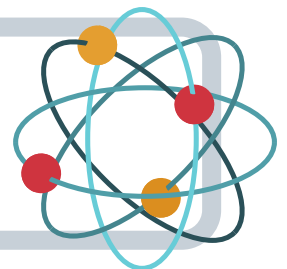
4. EXPERIMENT How will you test your question?



5. RESULTS What was the results of your experiment?



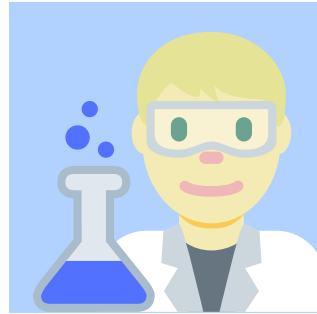
6. CONCLUSION What is the answer to your question?



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Scientist ID Card

Name:

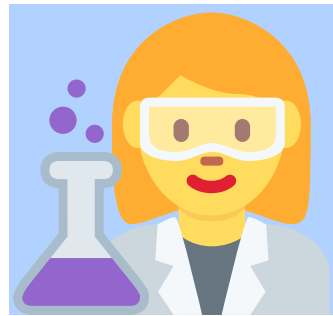


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SINK OR FLOAT?

OBJECT	PREDICTION		RESULT	
	Sink	Float	Sink	Float
Paperclip				
Penny				
Cotton Ball				
Foam				
Cracker				
Paper				
Rock				

Instructions for Parents

What's Under the Microscope?

If you don't have a microscope you can use a magnifying glass or google pictures on the internet.

Density of Liquids

Use a clear cup. Fill the cup with different liquids. You can add food coloring to each liquid before pouring them into the cup together to better differentiate between them. Wait a short while after pouring the liquids for them to settle in the glass before recording the outcome.

Ideas for liquids to use:

rubbing alcohol

water

olive oil

juice

maple syrup

Scientific Method

Use this worksheet to complete the steps of any experiment you wish to do. Encourage your child to come up with a question they want answered and the steps to test that question through an experiment.

Sink or Float?

Fill a bowl or glass with water or any liquid of your choice. Have your child predict if the object will sink or float. Then, have your child drop each object in the bowl to see if their predictions were right. Discuss with them why some objects sink and some float.

Scientist Identification Cards

You can use the cards provided as is and simply fill in the name and make up a number or you can glue a picture of your child over the image provided. Glue a pin to the back or place the image in a lanyard.