
	
	<p>Solid Liquid Gas</p> 				



The picture above is of water that has been dyed different colors. How does this picture provide evidence that liquids take the shape of their container? Explain in three or more sentences.

Sort the Pictures into solids, liquids, and gases.

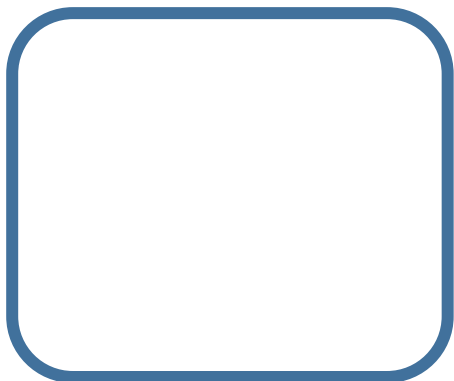
Solids have a definite shape. This means that their shape stays the same. Place the solids here.

Liquids do not have a definite shape. This means that their shape changes to fit the container that is holding them. Place the liquids here.

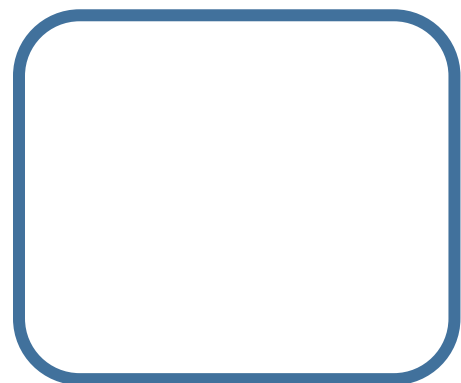
Gases do not have a definite shape. This means that their shape changes to fit the container that is holding them. Place the gases here.

Place pictures in the boxes below that you think are solids. Then describe how you know it is a solid. Be sure to use evidence.

Solid



1 _____



2 _____

Place pictures in the boxes below that you think are liquids. Then describe how you know it is a liquid. Be sure to use evidence.

Liquid



1 _____



2 _____

Place pictures in the boxes below that you think are gases. Then describe how you know it is a gas. Be sure to use evidence.

Gas



1 _____



2 _____

Definite or Not Definite that is the Question.

To have a definite shape means that the shape does not change. Place the objects that have definite shapes here.

Things that do not have a definite shape change to fit the container. Place the objects that do not have definite shapes here.

Analyze the pictures in each box. Remember what you learned about solids, liquids, and gases. Write a summary that explains what you learned about solids, liquids, and gases from this exercise. Make sure to use evidence from the pictures.

Can you find solids, liquids, and gases in this picture?



List the ones you can find in the chart below.

Solids	Liquids	Gases

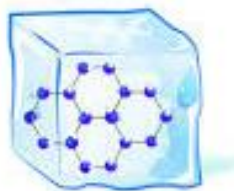
3.5C Predict, observe, and record changes in the state of matter caused by heating or cooling.



When water is a liquid, the molecules inside look like this.



When water is heated to 100 degrees Celsius, it turns into a gas called water vapor.



When water is cooled to 0 degrees Celsius, it turns into a solid called ice.

Predict what would happen if the items were **cooled**.



1 _____



2 _____

Predict what would happen if the items were **heated**.



1 _____



2 _____

Predict what would happen if the items were **cooled**.



1 _____



2 _____

Predict what would happen if the items were **heated**.



1 _____



2 _____

