

Rules of the Phases of Matter

Liquids



Print instructions: Print double sided, flip on short edge and scale to fit printable area.

Investigation 2

Liquids will change shape when a force is applied and will allow solid objects to pass



(cut)

(fold)

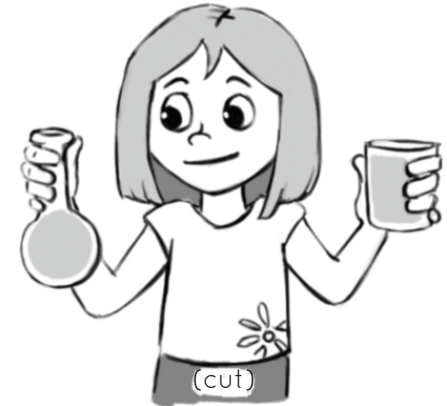
Investigation 4

Liquids can be measured by volume, mass and temperature but not by linear measurement



Investigation 1

Liquids take the shape of their container



(cut)

(fold)

Investigation 3

Liquids that have more density contain more mass than liquids with less density



500 ml graduated cylinder sandwich bag

Predict what happens next...

Draw and label a diagram and describe what happened

cornsyrup

water cooking oil

Describe what happened to each marble as it was dropped into each liquid.

Describe what happened next...

Predict what you think will happen when the liquids are poured into one large beaker

Color and label the results

Liquid water measurements

Mass	
Volume	
Temperature	

How are solid and liquid water different?

Solid water (ice) measurements

Mass	
Volume	
Length	
Width	
Height	
Temperature	

How are liquid and solid water alike?
