

Page 48: The Egg Mystery



Use 5 lines.  
 Draw the egg/ beakers  
 Label at least 3 things

**Observations**  
 (what I see)

**Inferences**  
 (what I think)

Use 5 lines.  
 Discuss with your partner and record observations and inferences  
 Write at least 3 for each

Write 2 questions you would like answered to help you understand the phenomenon.

- 1.
- 2.

Use 4 lines ONLY

**Vector:** page 48

An arrow that shows the DIRECTION and MAGNITUDE of a force



Page 49: Eureka Buoyancy Notes

buoyancy

<p><b>Sinking</b></p>	<p><b>Floating</b></p>
<p><b>Neutral Buoyancy</b></p>	<p><b>Archimedes' Principle of Buoyancy</b></p> <p>Objects are buoyed up by a force equal to the <u>weight of the water displaced</u>.</p> <p><u>Buoyant Force = weight of the displaced water</u></p>