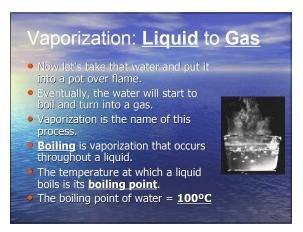
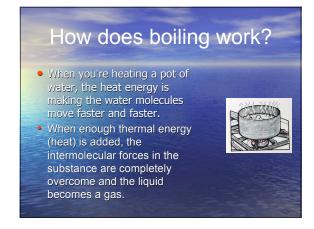
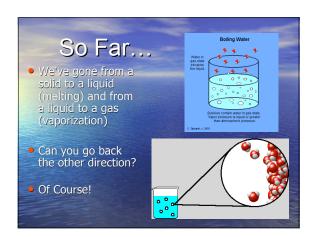


Awful Science Humor • A small piece of ice which lived in a test tube fell in love with a Bunsen burner. • "Bunsen! my flame! I melt whenever I see you" said the ice. • The Bunsen burner replied: "It's just a phase you're going through."

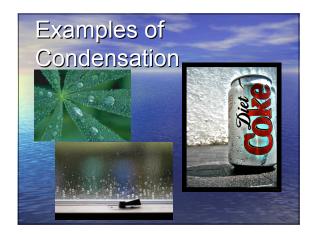






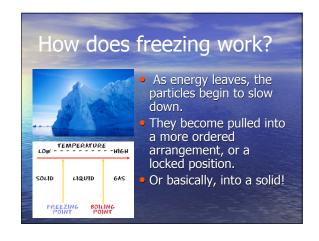


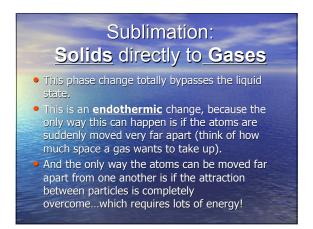


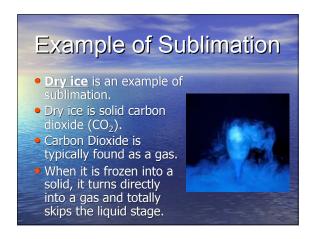


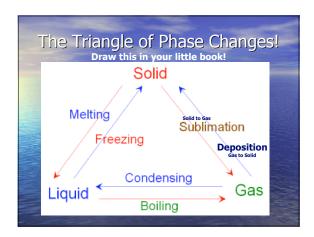


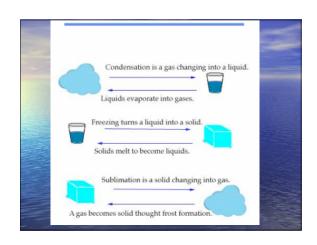




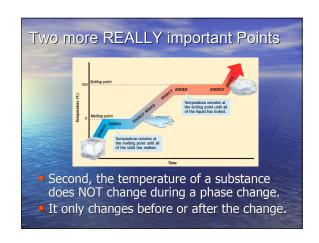


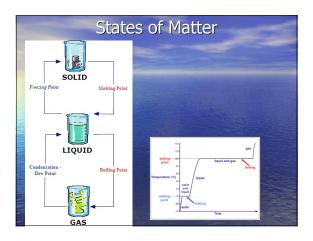


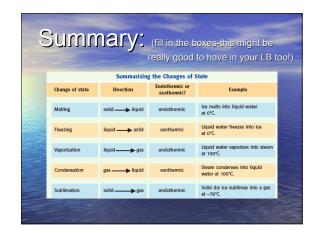






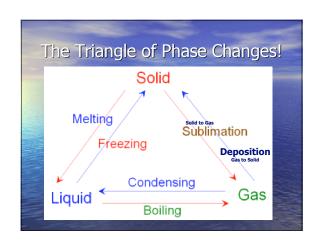






Review Questions: Identify these phase changes: 1. the substance changes directly from a gas to a solid without going through the liquid phase. 2. the substance changes from a liquid to a solid. 3. the substance changes from a liquid to a gas. 4. the substance changes from a gas to a liquid 5. the substance changes back from the solid to the liquid. 6. the substance changes directly from a solid to a gas without going through the liquid phase.

Answers: 1. Deposition: the substance changes directly from a gas to a solid without going through the liquid phase. 2. Freezing: the substance changes from a liquid to a solid. 3. Vaporization: the substance changes from a liquid to a gas. 4. Condensation: the substance changes from a gas to a liquid 5. Melting: the substance changes back from the solid to the liquid. 6. Sublimation: the substance changes directly from a solid to a gas without going through the liquid phase.





Brain Pop Answers: Matter Changing States

- 1. What are the states of matter?

 A. Solid, Liquid, Gas

 What is matter?

 B. Anything that has mass & takes up space

 What type of change is a change of state?

 A. Physical change

 The heat required to change a solid move?

 C. They vibrate

 The heat required to change a solid into a liquid is its:

 B. 0 degrees Celsius
- •7. The heat required to change a liquid into a gas is its: C. Heat of vaporization
- 8. What is it called when a solid turns directly into a gas? A. Sublimation
- 9. What is dry ice? B Solid carbon dioxide
- 10. How do the molecules of a gas behave? C. They bounce around randomly