**Phase Changes Foldable**

1. Fold 2 sheets of unlined paper hamburger style into a booklet and staple.

2. **Cover:** Write the title "**Phase Changes Foldable**", your name, and period. Then draw and complete the Reading Strategy on page 84.

**Pages 1-** Note: Use the back of the cover.

Write the title "**Characteristics of Phase Changes**" Write the key concept and the sentence after the key concept at the top of page 85.

Draw Figure 16 and write the caption.

**Page 2**

Write the title "**Temperature and Phase Changes**" Write the key concept.

Write and complete the statement "The temperature at which the substances freezes-its \_\_\_\_\_\_\_\_ point is identical to \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_."

See page 86. Write the title "**Energy and Phase Changes.**" Write the key concept

Complete the statement " Melting is an example of an \_\_\_\_\_\_\_\_\_\_\_\_ change. During a \_\_\_\_\_\_\_\_\_\_\_\_\_ change, the system \_\_\_\_\_\_\_\_\_\_\_ energy from its surroundings."

Complete the statement " Fusion is an example of \_\_\_\_\_\_\_\_\_\_\_\_.

Complete the statement "As water freezes, it releases heat. Freezing is an example of a \_\_\_\_\_\_\_\_\_\_\_\_ change. During a \_\_\_\_\_\_\_\_\_\_ change, the system \_\_\_\_\_\_\_\_\_\_ energy to its surroundings."

**Page 3**

See page 88. Write the title "**Melting and Freezing**" Write the key concept.

Write the title "**Melting**." Describe what happens to the molecules during melting.

Write the title "**Freezing**." Describe what happens to the molecules during freezing.

**Page 4**

Write the title "**Vaporization and Condensation**" Write the key concept.

Write the title "**Evaporation**”. Complete the sentence “A vapor is the gaseous phase ….”

Complete the sentence “The vapor pressure of water increases ….”

Write the title “**Boiling**." Explain what happens to water as it boils. See page 89

**Page 5**

Write the title "**Condensation**" Explain an example of condensation. See page 90.

Write the title “**Sublimation and Deposition.**” See page 91

Explain an example of sublimation.

Explain an example of deposition.

**Page 6**

See page 94. Thinking Visually

Draw and complete the Web diagram.