Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Period \_\_\_\_\_\_\_

**Home-School Connection**

**Heating Your Home**

**Directions:** With an adult family member, explore the role radiation from the sun plays in heating your home. Does it make some rooms warmer in the morning? Are other rooms warmer in the afternoon? How does opening and closing curtains or blinds affect the temperature of a room? (Hint: try to do this activity on a sunny day and take into consideration a furnace or another source of artificial heat operating.) Explain your observations to your family member.

Write a paragraph explaining what you told your family member. Diagrams/illustrations are encouraged.

Adult comments are encourages:

Adult Signature \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_