Heat, Heat, Who's Got the Heat?

30 Points Possible

Name_____

Due Date March 2 Per____

Background: In class, we have been investigating energy transfers involving our everyday lives and the Earth. This project is designed to give you the opportunity to demonstrate your knowledge of the 3 methods of thermal (heat) energy transfer.

Instructions:

1) **Cover page**: Draw the name in **color** of each type of heat transfer (radiation, conduction, and convection in this order) on **each** flap. (3 points)

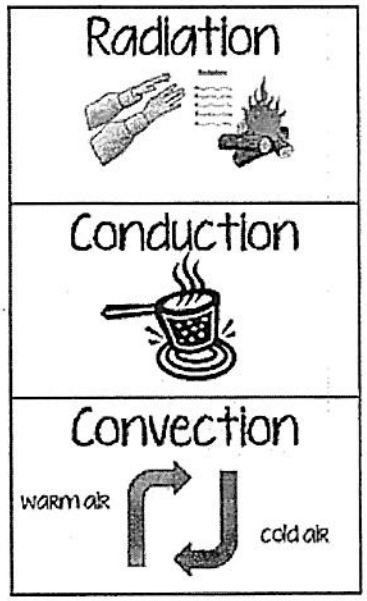
2) **Definitions:** Provide a definition from your textbook for **each** type of heat transfer, using **complete sentences**. Put this on the back of the cover flap. (6 points)

3) **Examples:** Draw **two colored** and **labeled** examples for each type of heat energy transfer. One example of each should be from your **life experiences** and one must be from **nature** (not involving man- made things). Include at **least one** sentence per example describing how the heat is transferred (from where to where). (12 points)

4) **Back:** Write name, date, and period on the back. Also tape the rubric to the back. (5 point)

5) Foldable is on time, neat, shows effort, has minimal spelling/grammar errors, and all requirements are in the appropriate place. (4 points)

Outside/Cover page



Inside

Definition of Radiation	Every Day Example Sentence describing how heat is transferred.	Natural Example Sentence describing how heat is transferred.
Definition of Conduction	Every Day Example Sentence describing how heat is transferred.	Natural Example Sentence describing how heat is transferred.
Definition of Convection	Every Day Example Sentence describing how heat is transferred.	Natural Example Sentence describing how heat is transferred.

Rubric:

Name, Date, and Period:	
Items in the foldable	**Points**
Cover page: Draw the name in **color** of each type of heat transfer (radiation, conduction, and convection) on **each** flap.	**/3**
Definitions: Provide a definition of **each** type of heat transfer, using **complete sentences**.	**/6**
Everyday Examples: Draw **colored** and **labeled** examples (examples from your life/experiences and from nature) for each type of heat energy transfer. Include at **least one** sentence per example describing how the heat is transferred.	**/12**
Back: Name, date, and period with the rubric taped to the back.	**/4**
Foldable is on time, neat, shows effort, has minimal spelling/grammar errors, and all requirements are in the appropriate place.	**/5**
Total	**/30**