Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ # \_\_\_\_\_\_ HR \_\_\_\_\_\_\_\_\_\_ Sci. Bl \_\_\_\_\_\_ Date \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Heat Energy Transfer Study Guide**

**Direction:** In each box below, draw **and** color a detailed picture of what the text is asking for.

|  |  |
| --- | --- |
| The molecules in a balloon when they are  heated vs. when they are cooled. | The molecules AFTER a warmer object has transferred its heat to a cooler object and both objects have reached equilibrium. |
| A real-world example of radiation heat transfer. | A real-world example of convection heat transfer. |
| A real-world example of conduction heat transfer. | A “close-up” of the molecules of a metal rod getting heated by a flame. |
| A real-world example displaying all 3 types of  heat transfer. Label each type of heat transfer. | A real-world example of the Greenhouse Effect. |