



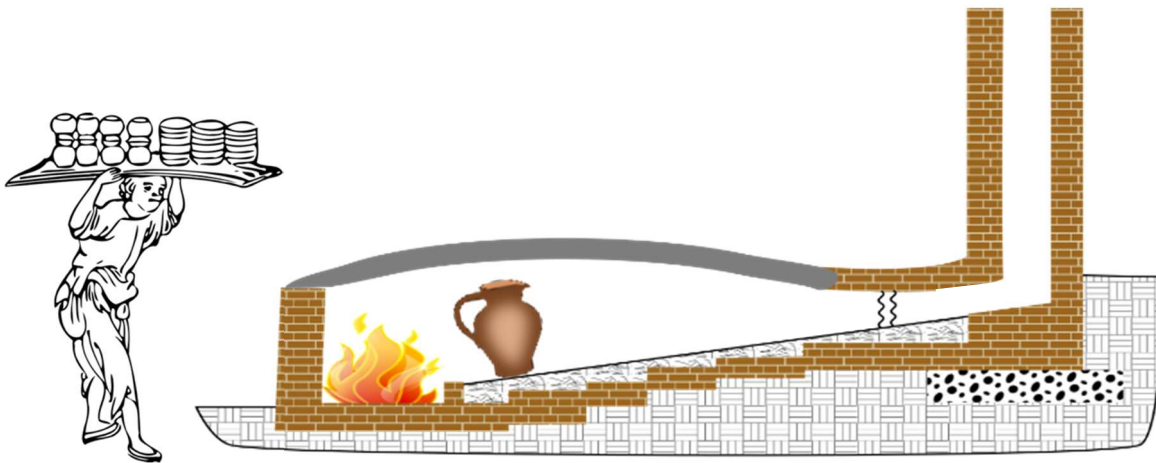
THERMAL ENERGY IN A KILN

Grade 6 Science

Student Name: _____

Date: _____

Use the diagram of a kiln to help you complete the following activities:

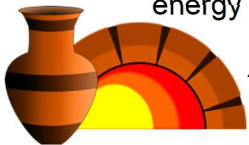


1. Circle the source of thermal energy in the diagram above.
2. Describe how convection works in the kiln:

3. How is the clay pot in the kiln being heated by radiation?



4. The bricks used to build the kiln are made with a special material that keeps the thermal energy from being absorbed by the brick.



Are these bricks conductors or insulators? _____

5. Explain what happens to the molecules in clay when the pot was placed in the kiln?

