





**THERMAL ENERGY**

When particles are heated, they move faster and further, so take up more space.

**CONDUCTION**

THE AMOUNT OF HEAT ENERGY OF A SUBSTANCE DEPENDS ON ...

**INFRARED RADIATION**

Helps to explain how some forms of heat energy travel.

**CONVECTION**

The way in which heat travels through solids.

**CONDUCTOR**  
**BLACK AND SHINY**

It's temperature  
The material it's made from  
It's mass

**INSULATOR**

A material that lets energy flow through it easily.

The 3 states of matter.  
Heat energy is measured in ...

Another name for heat energy.

**MELTING POINT =**

Created by heat causing changes in the density of a fluid.

**IT REMAINS CONSTANT**

**BOILING POINT**

**THE PARTICLE MODEL**