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UNIT 3

HEAT AND TEMPERATURE

degrees | energy | metals | temperature | man-made | acids

insulators | source | natural | wood | artificial | thermometer

degrees | conductors



Heat is a form of ..... Objects can feel warm or cold.

Something that produces heat is called a ..... of heat. On Earth, the Sun is the main and most important source of heat. It is a ..... source of heat. The heat from the Sun forms a whole planet and all the living things on it. If there was no heat from the Sun, there will be no life on it.



Sources of heat can be ....., too, as a heater. It means they are ..... For example, a heater, a oven or a kettle are artificial sources of heat.



A ..... is an instrument used to measure ..... The temperature can be measured in ..... Celsius (ºC) or ..... Fahrenheit (ºF). Old thermometers contain metals, such as mercury, since it's a really good conductor.

But what are conductors? Thermal ..... are substances that conduct heat easily. Some examples are ..... (like gold, silver, aluminium or mercury), ... and even diamonds!

Opposite to thermal conductors, there are thermal ..... They are materials that don't conduct heat easily. For example, ... materials (like pencils), plastic or rubber.





LIVEWORKSHEETS