WORKSHEET 4 - HEAT

1. Decide if the following materials are insulators or conductors. Write C for conductors or I for insulators.

Iron		Copper	
Wood		Aluminium	
Silver		Plastic	
Gold		Wool	
Feathers		Metal	
Paper		Cork	

2. Which effect of thermal energy is shown in each photo? Press and drag.

melting	evaporation	expansion
		

3. Decide which effect of thermal energy is taking place in each situation.

a) Snow changes to water	b) drying your T-shirt in the Sun

4. Match the statements below.

When an object cools down, ...	... prevent the transfer or loss of heat.
Thermal conductors are materials ...	... we increase their thermal energy.
We can use thermal insulators to ...	... that transfer heat very efficiently.
Liquids can change to gases if ...	... on warm days than on cool days.
Metal cooking pots have often ...	... got wooden or plastic handles.
Evaporation occurs more quickly ...	... that means it is losing thermal energy.