




## 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, ...**

☐

**Thermal conductors are  
materials ...**

☐

**We can use thermal  
insulators to ...**

☐

**Liquids can change to  
gases if ...**

☐

**Metal cooking pots have  
often ...**

☐

**Evaporation occurs more  
quickly ...**

☐

**... prevent the  
transfer or loss of  
heat.**

**... we increase their  
thermal energy.**

**... that transfer heat  
very efficiently.**

**... on warm days than  
on cool days.**

**... got wooden or  
plastic handles.**

**... that means it is  
losing thermal  
energy.**