

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.**