

Name:

Class:

Date:

# Keeping Cosy Worksheet 2

Which materials are the best insulators?

**1. Which of these materials is the best thermal insulator? Tick one:**

Paper

Aluminium foil

Cotton wool

Nylon fabric

**2. How can you set up an experiment to find out which of these materials is the best thermal insulator?**

**3. Draw a diagram to show how you set up the experiment:**

**4. Test results**

Time passed	Paper (temp of water °C)	Foil (temp of water °C)	Fabric (temp of water °C)	Cotton wool (temp of water °C)
0 mins				
10 mins				
20 mins				
30 mins				
40 mins				
50 mins				
60 mins				

**5. On squared paper, draw a line graph of your results. Use a different colour for each material. Add a title and labels on each axis.**

**6. Conclusion. What did you find out?:**