

ECOBOT'S ENERGY CHALLENGE

Year 5 Science | Insulators Investigation

RESOURCE A

Material used	Temperature at start (°C)	After 2 minutes	After 4 minutes	After 6 minutes	After 8 minutes	After 10 minutes

RESOURCE B

Complete the sentences to help you write your conclusion.

Which material was the best insulator? What was the temperature of that water after 10 minutes?

Which material was the worst insulator? What was the temperature of that water after 10 minutes?

Were your predictions right or wrong? Why?

Can you explain what a material needs to be like to be a good insulator?

RESOURCE C

Use these questions to help you write a conclusion for your investigation. Remember to write in complete sentences.

The best insulator was the _____.

This had a temperature of _____ °C after 10 minutes.

The worst insulator was the _____.

This had a temperature of _____ °C after 10 minutes.

I think a good insulator has to be _____.

