

Temperatures around our school

This task is about investigating temperature.

How to do this task

1. Take the temperatures in the following places around your school using a thermometer.
2. Hold the thermometer 10 cm off the ground each time.
3. Record the temperatures in the table on the next page.
4. Answer the questions that follow.

Write down the temperatures for the places below.

Place	Temperature (°C)
Inside your classroom	<input type="text"/>
Inside the library	<input type="text"/>
Outside on the asphalt playground	<input type="text"/>
Outside on the grass playing ground or field	<input type="text"/>
Inside the hall	<input type="text"/>

a) i) From your table, which place is the warmest place in the school?

ii) Explain why this place is warmer than the other areas.

b) i) Which place is the coolest?

ii) Explain why this place is cooler than the others.

c) i) Which room was the warmest, the library, classroom or the hall?

ii) Explain why this room was warmer than the others.

d) Explain how a thermometer works.

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