

WB Monday 15th July 2024



LQ: Can I input data in a spreadsheet.?

Steps to success

- *I can read temperatures using a thermometer.*
- *I can input text and numbers into a spreadsheet.*
- *I can recall conditions that computers monitor with sensors.*



LQ: Can I input data in a spreadsheet.?

STAR WORDS

Astronaut



Input

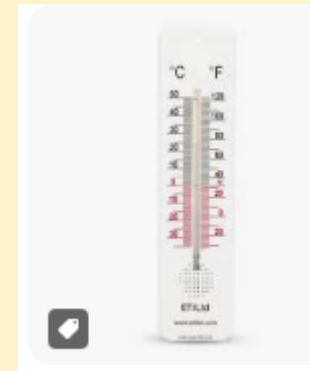
Sensor

Monitor



Data

Thermometer



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TP:

Name:

Three things astronauts need to keep clean.

Two things astronauts need for survival.

One thing that needs to be monitored.

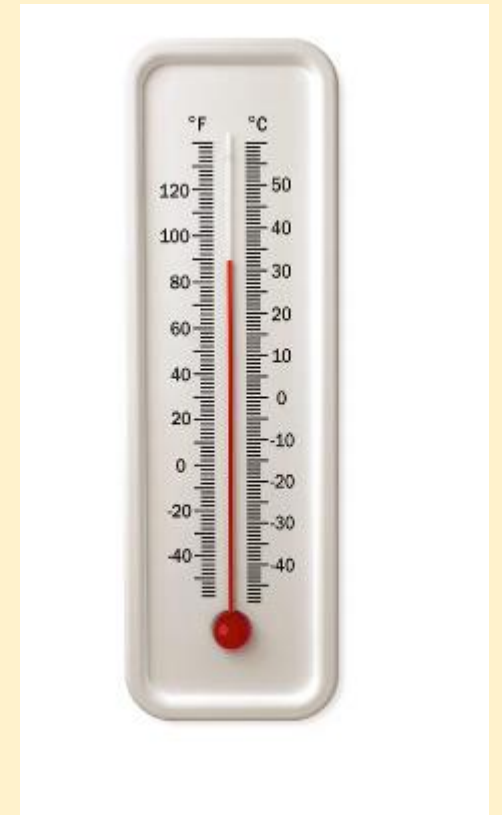


LQ: Can I input data in a spreadsheet.?

Temperature:

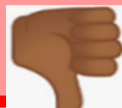
What is temperature?

How is temperature measured?



Self Assessment

Do you know what temperature is?



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Temperature on the ISS:

The temperature outside the ISS is:

Extremely cold when it is in the shadow of the earth;

Extremely hot when in direct sunlight.

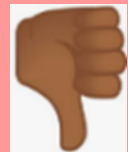
It is important to keep the temperature inside the ISS comfortable for the Astronauts.

The ISS has sensors that measure temperature every second.



Self Assessment

Do you understand about temperature on the ISS?



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Conditions monitored with sensors on the ISS:

Water supply.

Food supply.

Temperature.

Pressure.

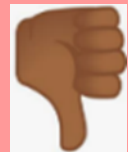
Amount of sleep.

Amount of exercise.

Power needed for light and heating.

Self Assessment

Do you understand which conditions are measured on the ISS?

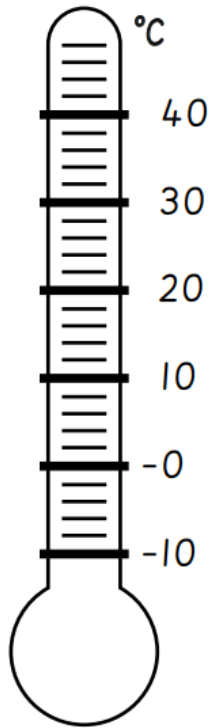


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Task

Temperatures around the school

Kapow
Primary



Area of the school	Temperature (°C)
e.g. Hall	16°C

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Today you will pretend to be computer sensors and measure the temperature around the school.

Self Assessment

Do you understand what to do?

