

CLASS 6

SCIENCE

NCERT SOLUTIONS

Class 6 Science Chapter 7 Temperature and its Measurement NCERT Solutions

Chapter 7 of the Class 6 Science textbook Curiosity is Temperature and its Measurement. It introduces the concept of temperature, how it is measured, and how it differs from heat. These Class 6 Science Chapter 7 solutions are also useful as quick revision notes before exams.

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Measuring Temperature

Q: What instrument is used to measure temperature?

A: Temperature is measured using a thermometer. It is usually measured on the Celsius ($^{\circ}\text{C}$) scale, and the normal temperature of a healthy human body is about 37°C .

Types of Thermometers

Q: Name two types of thermometers and what each is commonly used for.

A: A clinical (or digital) thermometer is used to measure human body temperature. A laboratory thermometer, which usually has a wider temperature range, is used to measure the temperature of substances in experiments, such as water being heated.

Heat vs Temperature

Q: What is the difference between heat and temperature?

A: Heat is a form of energy that flows from a hotter object to a colder one, while temperature tells us how hot or cold an object is — that is, temperature is the degree of hotness or coldness of an object, not an amount of energy.

Reading a Thermometer Correctly

Q: What precaution should be taken while reading a thermometer?

A: The eye should be kept level with the top of the liquid column in the thermometer, and the reading should be taken without removing the thermometer from the substance being measured, to avoid an inaccurate reading.

Class 6 Science Chapter 7 – Notes and Extra Questions

Along with these NCERT Solutions, students can also use the [Class 6 Science Chapter 7 Extra Questions](#) and [Class 6 Science Chapter 7 Revision Notes](#) for quick revision and extra practice.