

CLASS 6

SCIENCE

NCERT SOLUTIONS

Class 6 Science Chapter 6 Materials Around Us NCERT Solutions

Chapter 6 of the Class 6 Science textbook Curiosity is Materials Around Us. It looks at how everyday materials can be classified by their physical properties, and the basic differences between metals and non-metals. These Class 6 Science Chapter 6 solutions are also useful as quick revision notes before exams.

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Classifying Materials

Q: On what basis can materials around us be classified?

A: Materials can be classified based on physical properties such as hardness, transparency, solubility in water, lustre (shine), and their ability to conduct electricity or heat.

Hardness and Softness

Q: Give one example each of a hard material and a soft material.

A: Iron and stone are examples of hard materials that resist being scratched or reshaped easily. Cotton and sponge are examples of soft materials that can be compressed or reshaped with little force.

Solubility

Q: What does it mean for a substance to be soluble? Give an example.

A: A substance is soluble in a liquid if it dissolves completely in it to form a uniform mixture. For example, salt and sugar are soluble in water, while sand and chalk powder are insoluble in water.

Metals and Non-Metals

Q: State one difference between metals and non-metals.

A: Most metals (like iron and copper) are good conductors of electricity and heat and have a shiny (lustrous) appearance, while most non-metals (like wood and plastic) are poor conductors of electricity and heat and are generally not shiny.

Class 6 Science Chapter 6 – Notes and Extra Questions

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