



## India Science Curriculum Stands & Topics (Grades 6 to 9)

Grade	Science & Technology Curricula: India			
	Life Systems	Matter and Energy	Structures and Mechanisms	Earth and Space Systems
Grade 6	Things around us; The habitat of the living; Morphological structure and function of different parts of a plant; Structure and functions of the animal body including human; Sources of food; Components of food; Cleaning food	Materials of daily use; Different kinds of materials; How things change/ react with one another	Moving; Electric current and circuits; Magnets; Light	Water cycle; Importance of water; Importance of air; Waste

Grade 7	Respiration in plants and animals; Herbs, shrubs, trees; Multiplication in plants; Food; Utilisation of food	Materials of daily use; Different kinds of materials; Chemical substances	Moving objects; Electric Current and Circuits; Light	Soil types, soil profile, absorption of water in the soil; Suitability for Crops; Rain; Thunder And Lightning; Climate; Adaptation of animals to different climates; Scarcity of water; Forest products; Waste Management
Grade 8	Cell structure; Sexual reproduction; endocrine system; Crop production	Materials in daily life; Different kinds of materials and their reactions; Combustion, flame	Idea of force; Friction; Pressure; Sound; Light; Electric Current and Circuits	Rain, thunder, and lightning; Night sky; Earthquakes; Conservation of biodiversity; Consequences of deforestation; fossil fuels; Pollution of air and water
Grade 9	The Fundamental Unit of Life; Tissues; Diversity in Living Organisms; Improvement in Food Resources	Matter Around us Pure; Atoms and Molecules; Structure Of The Atom	Motion; Force and Laws Of Motion; Gravitation; Work and Energy; Sound	Natural Resources: Why Do We Fall ill

National council of educational research and teaching. (2017). *Learning outcomes at the elementary stage. Chrome extension://efaidnbmnnnibpcajpcgclefindmkaj/https://ncert.nic.in/pdf/publication/otherpublications/tilops101.pdf*

National council of educational research and teaching. (2019). *Learning outcomes at the secondary stage. chrome-extension://efaidnbmnnnibpcajpcgclefindmkaj/https://ncert.nic.in/pdf/publication/otherpublications/learning\_outcomes.pdf*