

NCERT Class 7 Science Syllabus 2025 – With Chapter-wise Marks Distribution

This document provides the complete NCERT Class 7 Science syllabus along with chapter-wise marks distribution, which is useful for exam preparation. The syllabus is divided into Physics, Chemistry, Biology, and Environmental Science.

Unit / Subject	Chapter Name	Important Topics	Weightage (Marks)
Biology	Nutrition in Plants	Modes of nutrition, photosynthesis	5
	Nutrition in Animals	Human digestion, ruminants, amoeba	6
	Respiration in Organisms	Aerobic & anaerobic respiration, breathing	5
	Transportation in Animals & Plants	Circulatory system, excretion, transport in plants	6
	Reproduction in Plants	Asexual & sexual reproduction, pollination	5
	Forests – Our Lifeline	Importance of forests, ecological balance	4
	Wastewater Story	Wastewater treatment, sanitation	4
Chemistry	Fibre to Fabric	Wool, silk, life cycle of silk moth	4
	Heat	Thermometer, transfer of heat, clothes	6
	Acids, Bases and Salts	Natural indicators, neutralization	5
	Physical and Chemical Changes	Rusting, crystallization	5
Physics	Winds, Storms and Cyclones	Air pressure, cyclones, safety	6
	Soil	Soil profile, types, properties	5
	Motion and Time	Speed, velocity, distance-time graph	6
	Electric Current and Its Effects	Heating & magnetic effect, electromagnet	7
	Light	Reflection, mirrors, lenses	7
	Water – A Precious Resource	Water management, depletion of groundwater	4
Environment	Weather, Climate and Adaptations	Climate zones, adaptations in animals	5

Summary of Marks Distribution:

- Biology → 35 Marks
- Chemistry → 20 Marks
- Physics → 31 Marks
- Environment/Adaptation → 5 Marks

Total = 91 Marks (approx.)