

2012

VIII I.I.T. Foundation, N.T.S.E.&
Science Olympiad Curriculum &
Chapter Notes



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VIII I.I.T.Foundation, N.T.S.E.& Science Olympiad Curriculum

Chapters as per NCERT Text Book	Topic
<u>Physics-VIII</u>	
1.Force and Pressure	Force
	Pressure
2.Friction	Friction and its Types
	Minimizing Friction
3.Sound	Production and Propagation of sound
	Characteristics of sound
	Noise and Music
4.Chemical Effect of Electric Current	Conductivity of Liquids
	Chemical Effect of Electric Current
5.Some Natural Phenomena	Introduction and Lightning
	Lightning and Safety
	Earthquakes
6.Light	Reflection in Plane mirrors
	Light and Eyes
7.Stars and the Solar System	Celestial Bodies
	Solar System
	Other Members of Solar System
	Constellations
<u>Chemistry-VIII</u>	
1.Synthetic Fibres and Plastics	Fibres
	Plastics
2.Materials, Metals and Non-Metals	Physical Properties Chemical Properties of Metals
	Physical Properties Chemical Properties of Non-Metals

Chemistry-VIII Contd.

Chapters as per NCERT Text Book	Topic
3.Coal And Petroleum	Natural Resources
	Coal
	Petroleum
	Natural Gases
4.Combustion And Flame	Combustion
	Flame
	Fuel
5.Pollution Of Air And Water	Air Pollution
	Water Pollution
<u>Biology-VIII</u>	
1.Crop Production and Management	Agriculture
	Crop Protection
	Harvest and Storage
2.Micro Organisms: Friend and Foe	World of Micro Organisms
	Dealing with Harmful Micro Organisms
	Food Preservation
	Nitrogen Fixation
3.Conservation of Plants and Animals	Deforestation and Reforestation
	Conservation of Forest and Wildlife
4.Cell-Structure and Functions	Introduction to Cells
	Structure and Function of Cells
5.Reproduction in Animals	Sexual Reproduction in Animals
	Oviparous and Viviparous Animals
	Asexual Reproduction in Animals
6.Reaching the age of Adolescence	Changes During Puberty
	Hormones and Reproductive Function
	Adolescence and Health

