Syllabus for XPERTSTEM



	Chapter 1	Chapter 2	Chapter 3
Natural	The sun, the earth and the	Understanding materials	Categorizing animals in an
Science	moon		Ecosystem
Grade 3 & 4	The seasons	Solids and liquids	living and non-living things
	Movement and energy basics	Properties of these material	Understanding the human
(Division 1)		phases	body, plants, fruits and
			vegetables

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Natural	Our Solar system	Properties of materials	Adaptations and Behaviour
Science		(conductivity, solubility,	
Grade 5 & 6		hardness etc)	
(Division 2)	Waves and sound introduction	Liquid solid and gas forms of	Development and
(Division 2)		materials	Reproduction
	Light and how it travels	Uses of everyday materials	Photosynthesis intro
		such as wood metals and	
		plastic	
	Understanding concept of	Solutions for special	Botany
	electricity and its origin	mixtures	
	Physical changes in matter	Dissolving and solubility	Classification of living things
			basic

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Natural	Energy domestic calculations	Particulate nature of matter	Cells and organisation
Science	Energy changes and transfer	Atoms, elements and compounds	Skeletal and muscular systems
Grade 7 & 8 (Division 3)	Kinetic and potential energy intro	Pure and Impure substances	Gas and exchange systems
	Motion	Chemical reactions	Reproduction
	Forces	Energetics, exothermic and endo thermic reactions	Health, drugs