## Syllabus for XPERTSTEM Natural Science



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

	Chapter 1	Chapter 2	Chapter 3
Natural Science Grade 5 & 6 (Division 2)	Our Solar system	Properties of materials (conductivity, solubility, hardness etc)	Adaptations and Behaviour
	Waves and sound introduction	Liquid solid and gas forms of materials	Development and Reproduction
	Light and how it travels	Uses of everyday materials such as wood metals and plastic	Photosynthesis intro
	Understanding concept of electricity and its origin	Solutions for special mixtures	Botany
	Physical changes in matter	Dissolving and solubility	Classification of living things basic

	Chapter 1	Chapter 2	Chapter 3
Natural	Energy domestic calculations	Particulate nature of matter	Cells and organisation
Science Grade 7 & 8 (Division 3)	Energy changes and transfer	Atoms, elements and compounds	Skeletal and muscular systems
	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