

Overview of the curriculum topics - New Science Curriculum 2024

	Grade 1	Grade 2	Grade 3	Grade 4	Grade 5	Grade 6
Matter	Properties of Objects	Suitability of Materials	States of Matter	Management of Waste	Particle Model of Matter	Particle Heating & Cooling
Energy	Understanding Movement	Light & Sound	Understanding Forces	Non-Contact Forces	Forces in Water & Air	Analyzing Energy Resources
Earth Systems	Seasonal Changes	Earth & Sun Relationships	Earth's Natural Changes	Earth Systems & Interactions	Climate & Agriculture	Climate Changes
Space	n/a	n/a	n/a	Natural Systems & Interactions	Our Solar System	Astronomical Phenomena
Living Systems	Needs of Plants & Animals	Plant & Animal Changes	Plant & Animal Interactions	Ecosystem Interactions	Biological Systems	Ecosystem Complexity
Computer Science	Instructions & Outcomes	Instructions & Debugging Errors	Problem Solving	Computational Thinking	Design & Coding	Design Processes
Scientific Methods	Investigation Principles	Investigation Skills	Analyze Data	Understanding Objectivity	Understanding Phenomena	Evidence & Investigation

	Grade 7	Grade 8	Grade 9
Unit A	Interactions & Ecosystems	Mix & Flow of Matter	Biological Diversity
Unit B	Plants for Food & Fibre	Cells & Systems	Matter & Chemical Change
Unit C	Heat & Temperature	Light & Optical Systems	Environmental Chemistry
Unit D	Structures & Forces	Mechanical Systems	Electrical Principles & Technologies
Unit E	Planet Earth	Freshwater & Saltwater Systems	Space Exploration