

NB Renewed 3-10 Science Curricula Core Ideas 2022-2023

(With links to old curriculum Lesson Guides Gr 3-8: [Gr 3-8 Lesson Guides](#) on STEM North – These lesson guides have not been adapted for the new grade levels but still offer insight and ideas for inquiry-based activities)

Grade	Renewed Curriculum Title	Renewed Curriculum Topics	Lesson Guides from Old Curriculum Documents
3	Our Local Environment	Weather & Climate	Gr. 5 Weather
		Habitats	Gr. 4 Habitats
		Plants	Gr. 3 Plant Growth ,
		Animals	Gr. 4 Habitats
4	Properties & Uses of Earth's Materials	The Earth's Crust	Gr. 7 Earth's Crust
		Rocks	Gr. 4 Rocks, Minerals & Erosion
		Minerals	Gr. 3 Exploring Soils
		Soils	Gr. 5 Properties of Materials
		Uses of Earth's Resources	
5	Living & Technological Systems	Human Body Systems	Gr. 5 Healthy Bodies
		Simple Machines	Gr. 5 Forces and Simple Machines
		Body Mechanics	
Grade	Renewed Curriculum Title	Renewed Curriculum Topics	Lesson Guides from Old Curriculum Documents
6	Wayfinding: Making Sense of your World	Behaviour & Properties of Light	Gr. 4 Light , Gr. 4 Sound , Gr. 8 Optics
		Biological Forms & Processes	Gr. 4 Sound
		Technological Applications	
7	Earth Surface Processes	Matter	Gr. 7 Mixtures & Solutions , Gr. 7 Heat
		Weather Systems & Climate	Gr. 5 Weather , Gr. 8 Water Systems on Earth
8	Beyond Earth: Human Presences in the Solar System	Motion & Stability	Gr. 8 Fluids , Gr. 5 Forces & Simple Machines
		Laws of Motion	Gr. 5 Forces & Simple Machines
		Space Exploration	Gr. 6 Space
		Technological Applications	Gr. 6 Space

Grade	Renewed Curriculum Title	Renewed Curriculum Topics	Lesson Guides from Old Curriculum Documents
9	Ecosystem Dynamics	Earth & its Place in the Universe	Gr. 6 Space , Gr. 8 Water Systems on Earth
		Ecosystems: Energy, Matter & Interactions	Gr. 7 Heat , Gr. 7 Interactions within Ecosystems
		From Molecules to Organisms	Gr. 8 Cells, Tissues and Body Systems
		Biological Evolution: Variation & Diversity	Gr. 6 Diversity of Life
10	Science for Sustainable Societies	Power, Work & Energy	
		Electricity & Electrification	Gr. 6 Electricity
		Nuclear Technology	
		Chemistry Foundations	