

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

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

Grade	Renewed Curriculum Title	Renewed Curriculum Topics	Lesson Guides - Grade Correlated to Old Curriculum Documents
3	Our Local Environment	Weather & Climate	Gr. 5 Weather / Le temps qu'il fait
		Habitats	Gr. 4 Habitats / Les habitats
		Plants	Gr. 3 Plant Growth / La croissance des plantes
		Animals	Gr. 4 Habitats / Les habitats
4	Properties & Uses of Earth's Materials	The Earth's Crust	Gr. 7 Earth's Crust / L'écorce terrestre
		Rocks	Gr. 4 Rocks, Minerals & Erosion / Les roches, les minéraux et l'érosion
		Minerals	
		Soils	Gr. 3 Exploring Soils / L'exploration du sol
		Uses of Earth's Resources	Gr. 5 Properties of Materials / Les propriétés et les changements des substances
5	Living & Technological Systems	Human Body Systems	Gr. 5 Healthy Bodies / Les besoins fondamentaux et le maintien d'un corps en santé
		Simple Machines	Gr. 5 Forces and Simple Machines / Les forces et les machines simples
		Body Mechanics	

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6	Wayfinding: Making Sense of your World	Behaviour & Properties of Light	Gr. 4 Light / La lumière Gr. 4 Sound / Le son Gr. 8 Optics / Optique
		Biological Forms & Processes	Gr. 4 Sound / Le son
		Technological Applications	
7	Earth Surface Processes	Matter	Gr. 7 Mixtures & Solutions / La théorie particulière de la matière Gr. 7 Heat / La chaleur
		Weather Systems & Climate	Gr. 5 Weather / Le temps qu'il fait Gr. 8 Water Systems on Earth / Les courants océaniques
8	Beyond Earth: Human Presence in the Solar System	Motion & Stability	Gr. 8 Fluids / Fluides Gr. 5 Forces and Simple Machines / Les forces et les machines simples
		Laws of Motion	Gr. 5 Forces and Simple Machines / Les forces et les machines simples
		Space Exploration	Gr. 6 Space / L'espace Gr. 6 Flight / Le vol
		Technological Applications	Gr. 6 Space / L'espace

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9	Ecosystem Dynamics	Earth & its Place in the Universe	Gr. 6 Space / L'espace Gr. 8 Water Systems on Earth / Systèmes hydrographiques
		Ecosystems: Energy, Matter & Interactions	Gr. 7 Heat / La chaleur , Gr. 7 Interactions within Ecosystems / Interactions au sein des écosystèmes
		From Molecules to Organisms	Gr. 8 Cells, Tissues and Body Systems / Interdépendance des cellules, des tissus, des organes et des systèmes
		Biological Evolution: Variation & Diversity	Gr. 6 Diversity of Life / La diversité de la vie
10	Science for Sustainable Societies	Power, Work & Energy	
		Electricity & Electrification	Gr. 6 Electricity / L'électricité
		Nuclear Technology	
		Chemistry Foundations	