













Curriculum Connections

These tables match Science North's educational programs with the Ontario Science and Technology Curriculum strands and topics for kindergarten to grade 12.

 *Hands-on school program*
 * *Live science show*
 ★ *Special school event*
 *Multimedia experience*
 \$ *Planetarium program (additional cost)*
 *Math*

JK to SK

Grade Level	Science and Technology	Mathematics	Health and Physical Activity
JK / SK	Healthy Me  	NEW! Shape it Up!  	Healthy Me  
	Butterflies 		NEW! Ready, Set, Move 
	I Touch I Discover Animals 		
	NEW! Surprise, it's Science! *		

Grades 1 to 8




GRADE LEVEL	Life Systems	Structures and Mechanisms	Matter and Energy	Earth and Space Systems	Health & Physical Education	Other
Grade 1	Needs and Characteristics of Living Things	Materials, Objects and Everyday Structures	Energy in Our Lives	Daily and Seasonal Changes	Healthy Living	
	Healthy Me 🏠 🖐️	Toying with Science 🏠 🖐️	NEW! Surprise it's Science ❄️	Air & Water for Life 🖐️	Healthy Me 🏠 🖐️	
	Seasonal Changes 🖐️			Seasonal Changes 🖐️	NEW! Ready, Set, Move 👁️	
	NEW! Insects in their Environment 🖐️			Seasons 💰		
	Legends of the Great Lakes 👁️			NEW! Butterflies & Gardening Week! ★		
	NEW! Animal Kingdom Week 🏠 ★					
	NEW! Butterflies & Gardening Week! ★					
Grade 2	Growth and Changes in Animals	Movement	Properties of Liquids and Solids	Air and Water in the Environment		
	Legends of the Great Lakes 👁️	Toying with Science 🖐️	Air & Water for Life 🖐️	Air & Water for Life 🖐️	NEW! Ready, Set, Move 👁️	
	NEW! Butterflies & Gardening Week! ★	Pushing & Pulling 🏠 🖐️	NEW! Look & Listen ❄️	The Changing Climate Show 👁️	NEW! Health Week ★	
	NEW! Animal Kingdom Week 🏠 ★			Legends of the Great Lakes 👁️		
				NEW! Butterflies & Gardening week ★		




Grade 3	Growth and Changes in Plants	Strong and Stable Structures	Forces Causing Movement	Soils in the Environment	Healthy Living	
	Nature Exchange 🖐️	Tremendous Towers 🖐️	Pushing & Pulling 🏠 🖐️	NEW! Our Planet, Our Climate 🖐️	NEW! Ready, Set, Move 👁️	
	NEW! Insects in their Environment 🖐️	NEW! Engineering Week! ★	Light, Forces and Energy in Space \$		NEW! Health Week ★	
	NEW! Butterflies & Gardening Week ★					
	Air & Water for Life 🖐️					
Grade 4	Habitats and Communities	Pulleys and Gears	Light and Sound	Rocks and Minerals	Healthy Living	Other
	Animal Super-senses! 🖐️	Pushing & Pulling 🏠 🖐️	Light, Forces and Energy in Space \$	Lapidary 🖐️	NEW! Healthy Living 🖐️ 🏠	NEW! Robotics Week ★
	Nature Exchange 🖐️	NEW! Engineering Week ★	NEW! Look & Listen ❄️	Nature Exchange 🖐️	NEW! Ready, Set, Move 👁️	
	Classifying Aquatic Diversity 🖐️				NEW! Health Week ★	
	NEW! Our Planet, Our Climate! 🖐️					
	NEW! Butterflies & Gardening Week! ★					
	NEW! Animal Kingdom Week 🏠 ★					
	Legends of the Great Lakes 👁️					






















Grade 5	Human Organ Systems	Forces Acting on Structures and Mechanisms	Properties of and Changes in Matter	Conservation of Energy and Resources	Healthy Living	Other
	NEW CONTENT! Human Organ Systems 🖐️	Tremendous Towers 🖐️	What's the Matter? 📦 🖐️	NEW! Our Planet, Our Climate 🖐️	NEW! Healthy Living 📦 🖐️	NEW! Robotics Week ★
		Light, Forces and Energy in Space \$		The Changing Climate Show 👁️	NEW! Ready, Set, Move 👁️	
		NEW! Engineering Week ★		Wildfires! A 4D Firefighting Adventure 👁️	NEW! Health Week ★	
Grade 6	Biodiversity	Flight	Electricity and Electrical Devices	Space	Healthy Living	Other
	Animal Super Senses! 🖐️	Wildfires! A Firefighting Adventure in 4D 👁️	Let's Get Electric! 🖐️	NEW! Our Place in Space 🖐️	NEW! Healthy Living 📦 🖐️	How to Create A Science Fair Project 🖐️
	Nature Exchange 🖐️	NEW! Flight! ✨		Meet the Neighbours \$	NEW! Ready, Set, Move 👁️	NEW! Robotics Week ★
	Classifying Aquatic Diversity 🖐️	NEW! Engineering Week ★			NEW! Health Week ★	
	Legends of the Great Lakes 👁️					
	NEW! Animal Kingdom Week 📦 ★					
	NEW! Butterflies & Gardening Week! ★					

Grade 7	Interactions in the Environment	Form and Function	Pure Substances and Mixtures	Heat in the Environment	Healthy Living	Other
	Nature Exchange 🖐️	NEW! Make a Mechanism 🗒️ 🖐️	What's the Matter? 🖐️	Warm & Cold Blooded Animals 🗒️ 🖐️	NEW! Healthy Living 🖐️ 🗒️	How to Create A Science Fair Project 🖐️
	Legends of the Great Lakes 👁️	NEW! Engineering Week ★	The Flow of Science ❄️	The Changing Climate Show 👁️	NEW! Ready, Set, Move 👁️	NEW! Robotics Week ★
	NEW! Animal Kingdom Week 🗒️ ★			NEW! Planetary Science 🗒️ 🖐️	NEW! Health Week ★	
Grade 8	Cells	Systems in Action	Fluids	Water Systems	Healthy Living	Other
	Cell Biology 🖐️	NEW! Make a Mechanism 🗒️ 🖐️	The Flow of Science ❄️	Water in the Environment 🖐️	NEW! Healthy Living 🗒️ 🖐️	How to Create A Science Fair Project 🖐️
		NEW! Planetary Science 🗒️ 🖐️		NEW! Planetary Science 🗒️ 🖐️	NEW! Ready, Set, Move 👁️	NEW! Robotics Week ★
		NEW! Engineering Week ★			NEW! Health Week ★	

Grades 9 to 12

-  Hands-on school program
-  Multimedia experience
-  Special school event

-  Live science show
-  Planetarium program (additional cost)
-  Math

GRADE LEVEL	Biology	Earth and Space Science	Chemistry	Physics	Environmental Science	Other Science Experiences
Grade 9	NEW CONTENT! Fish Physiology and Evolution 	Between the Stars 	Chemistry 101 			Lapidary 
	Freshwater Ecology: Wetlands and Invertebrates 	Space Lexicon 				NEW CONTENT! Science Olympics 
	Reptiles at Risk 		NEW! Ready, Set, Move 			
	Legends of the Great Lakes 		NEW! Robotics Week 			
Grade 10	Molecular Genetics 	The Changing Climate Show 	Chemistry 101 			Lapidary 
	NEW CONTENT! Fish Physiology and Evolution 	Climate Experiments 				NEW CONTENT! Science Olympics 
	Reptiles at Risk 		NEW! Ready, Set, Move 			
			NEW! Robotics Week 			

GRADE LEVEL	Biology	Earth and Space Science	Chemistry	Physics	Environmental Science	Other Science Experiences
Grade 11	Molecular Genetics 🖐️		Chemistry 101 *		Climate Experiments 🖐️	Lapidary 🖐️
	NEW CONTENT! Fish Physiology and Evolution 🖐️				Freshwater Ecology: Wetlands and Invertebrates 🖐️	NEW CONTENT! Science Olympics ★
	Freshwater Ecology: Wetlands and Invertebrates 🖐️				Reptiles at Risk 🖐️	NEW! Ready, Set, Move 👁️
	Reptiles at Risk 🖐️				Legends of the Great Lakes 👁️	
				The Changing Climate Show 👁️		
	Biology Science	Earth and Space	Chemistry	Physics	Environmental Science	Other Science Experiences
Grade 12	Molecular Genetics 🖐️	Erosion 🖐️	Chemistry 101 *			Lapidary 🖐️
		Lapidary 🖐️				NEW CONTENT! Science Olympics ★
		Between the Stars 👁️				NEW! Ready, Set, Move 👁️