Grade 2 Science

Curricular Competencies

		Questioning & Predicting				Planning & Conduting			Processing & Analyzing Data & Info				Evaluating		Applying & Innovating			Communicating	
Big Ideas	*All living things have a life cycle. *Materials can be changed through physical and chemical processes. *Forces influence the motion of an object. *Water is essential to all living things, and it cycles through the environment.	Demonstrate curiosity about the natural world	Observe objects and events in familiar contexts	Ask questions about familiar objects and events	Make simple predictions about familiar objects and events	Make and record observations	Safely manipulate materials to test ideas and predictions	Make and record simple measurements using informal or non-standard methods	Experience and interpret the local environment	Sort and classify data and information using drawings or provided tables	Compare observations with predictions through discussion	Identify simple patterns and connections	Compare observations with those of others	Consider some environmental consequences of their actions	Take part in caring for self, family, classroom and school through personal approaches	Transfer and apply learning to new situations	Generate and introduce new or refined ideas when problem solving	Communicate observations and ideas using oral or written language, drawing, or role-play	Express and reflect on personal experiences of place
Content	metamorphic and non-metamorphic life cycles of different organisms																		
	similarities and differences between offspring and parent																		
	Aboriginal knowledge of life cycles																		
	physical ways of changing materials																		
	chemical ways of changing materials																		
	types of forces																		
	water sources, including local watersheds																		
	water - a limited resource																		
	the water cycle																		