**Year Plan**

* 1. **Our Natural World**
		+ Living things are diverse, can be grouped, and interact in their ecosystems
		+ Wind, water, and ice change the shape of the land.
		+ Indigenous societies throughout the world value the well-being of the self, the land, spirits, and ancestors.
		+ Curiosity and wonder lead us to new discoveries about ourselves and the world around us.
		+ The likelihood of possible outcomes can be examined, compared, and interpreted.
		+ Standard units are used to describe, measure, and compare attributes of objects’ shapes.
	2. **What We Share**
		+ All matter is made of particles.
		+ People from diverse cultures and societies share some common experiences and aspects of life.
		+ Using language in creative and playful ways helps us understand how language works
		+ Fractions are a type of number that can represent quantities.
		+ Development of computational fluency in addition, subtraction, multiplication, and division of whole numbers requires flexible decomposing and composing.
	3. **Our Stories Flow**
		+ Thermal energy can be produced and transferred.
		+ Indigenous knowledge is passed down through oral history, traditions, and collective memory.
		+ Learning about indigenous peoples nurtures multicultural awareness and respect for diversity.
		+ Language and story can be a source of creativity and joy.
		+ Stories and other texts help us learn about ourselves, our families, and our communities.
		+ Stories can be understood from different perspectives
		+ Regular increases and decreases in patterns can be identified and used to make generalizations.

**UNIT PLAN**

**Big Ideas**

1. Thermal energy can be produced and transferred.
2. Indigenous knowledge is passed down through oral history, traditions, and collective memory.
3. Learning about indigenous peoples nurtures multicultural awareness and respect for diversity.
4. Language and story can be a source of creativity and joy.
5. Stories and other texts help us learn about ourselves, our families, and our communities.
6. Stories can be understood from different perspectives
7. Regular increases and decreases in patterns can be identified and used to make generalizations.

**Big Questions**

1. How does energy transfer and flow?
2. How does information, experiences, and beliefs flow from one generation to another, and from one culture to another?
3. How does sharing information, experiences, and beliefs impact relationships?
4. Why do people tell stories?
5. Why do people interpret shared experiences differently?
6. How do patterns help us make predictions and solve problems?

**Inquiry Question**

1. How are we all part of the flow of life?

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| intrapersonal | **Intro (Whole Class)*** Stereotypes I hold: facing truth

**Centres (Small Group)*** My culture’s stories
* Things I use to stay warm
 | BD06544_ | **Intro (Whole Class)*** The role of truth in healing

**Centres (Small Group)*** What we share as human beings
* Stories and spirit
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|  | **Intro (Whole Class)*** Experiments on conduction, convection, radiation
* Role play – Event from Canadian history from multiple perspectives

**Centres (Small Group)*** Build props for story
* Act out story
 | visualspatial | **Intro (Whole Class)*** Video: Indigenous storyteller

**Centres (Small Group)*** Indigenous art representing worldviews
* Scientific diagrams – thermal energy
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| musical rhythmic | **Intro (Whole Class)*** Dance to tell a story

**Centres (Small Group)*** Perform a rap about the flow of energy
* Protest song about discrimination in Canadian history
 | interpersonal | **Intro (Whole Class)*** How stories connect us

**Centres (Small Group)*** Humans are conductors
* Cultural patterns
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| verbal linguistic | **Intro (Whole Class)*** Debate: The internet creates a flow for cultural knowledge

**Centres (Small Group)*** Creation stories
* The story of my life
 | Naturalist | **Intro (Whole Class)*** Indigenous views of sustainability

**Centres (Small Group)*** Natural sources of thermal energy
* Uses of thermal energy in Indigenous cultures
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| logicalmath | **Intro (Whole Class)*** Patterns in stories

**Centres (Small Group)*** Represent a literary/story pattern mathematically
* Timeline of Indigenous history
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