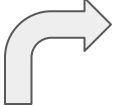


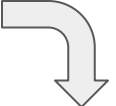








# SELF AWARENESS of SCIENCE CURRICULAR COMPETENCIES



Through the Lens of

<p><b>Questioning and Predicting</b></p>  <p>Strengths _____</p> <p>_____</p> <p>_____</p> <p>Stretches _____</p> <p>_____</p> <p>_____</p> <p>Evidence _____</p> <p>_____</p> <p>_____</p> 	<p><b>Planning and Conducting</b></p>  <p>Strengths _____</p> <p>_____</p> <p>_____</p> <p>Stretches _____</p> <p>_____</p> <p>_____</p> <p>Evidence _____</p> <p>_____</p> <p>_____</p>	<p><b>Processing and Analyzing Data and Information</b></p>  <p>Strengths _____</p> <p>_____</p> <p>_____</p> <p>Stretches _____</p> <p>_____</p> <p>_____</p> <p>Evidence _____</p> <p>_____</p> <p>_____</p> 
<p><b>Communicating</b></p> <p>Strengths _____</p> <p>_____</p> <p>_____</p> <p>Stretches _____</p> <p>_____</p> <p>_____</p> <p>Evidence _____</p> <p>_____</p> <p>_____</p> 	<p><b>Applying and Innovating</b></p> <p>Strengths _____</p> <p>_____</p> <p>_____</p> <p>Stretches _____</p> <p>_____</p> <p>_____</p> <p>Evidence _____</p> <p>_____</p> <p>_____</p> 	<p><b>Evaluating</b></p> <p>Strengths _____</p> <p>_____</p> <p>_____</p> <p>Stretches _____</p> <p>_____</p> <p>_____</p> <p>Evidence _____</p> <p>_____</p> <p>_____</p> 



# SELF ASSESSMENT of CORE COMPETENCIES



Through the Lens of

**Instructions:** Choose two or three check boxes from each Core Competency (communicating, thinking and personal & social) and reflect on how your Science Fair experience helped you develop this skill set.

<b>Communicating</b> _____ _____ _____ _____ _____		
<b>Thinking</b> _____ _____ _____ _____ _____ _____ _____ _____ _____	<input type="checkbox"/> Connect and engage with others <input type="checkbox"/> Focusing on intent and purpose <input type="checkbox"/> Acquiring and presenting information <input type="checkbox"/> Working collectively <input type="checkbox"/> Supporting group interactions <input type="checkbox"/> Determining common purpose	<b>Communicating</b>
	<input type="checkbox"/> Creating and innovating <input type="checkbox"/> Generating and incubating <input type="checkbox"/> Evaluating and developing <input type="checkbox"/> Analyzing and critiquing <input type="checkbox"/> Questioning and investigating <input type="checkbox"/> Designing and developing <input type="checkbox"/> Reflecting and assessing	<b>Thinking</b>
<b>Personal &amp; Social</b> _____ _____ _____ _____ _____ _____ _____	<input type="checkbox"/> Self-advocacy <input type="checkbox"/> Self-regulation <input type="checkbox"/> Well-being <input type="checkbox"/> Understanding relationships and cultural contexts <input type="checkbox"/> Recognizing personal values and choices <input type="checkbox"/> Identifying personal strengths and abilities <input type="checkbox"/> Building relationships <input type="checkbox"/> Contributing to community and caring for the environment <input type="checkbox"/> Resolving problems <input type="checkbox"/> Valuing diversity	<b>Personal &amp; Social</b>



# CAREER LIFE EXPLORATION & CONNECTIONS



Through the Lens of

**Examine** your personal, transferable skills exhibited during Science Fair; identify your strengths, and those skills that require further refinement.

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**Interact:** Collaborate with a mentor to explore career-life development; Engage with others during Science Fair to cultivate support networks.

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**Experience** a genuine experiment, innovation or study. What was your approach to learning, and how did this experience help you explore options for future personal, educational or employment possibilities?

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**Share!** Showcase some of the highlights of your learning journey from start the start of Science Fair, to completion. What did you grapple with? What were your ah-ha moments?

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# INTEGRATING FIRST PEOPLES PRINCIPLES of LEARNING



## Through the Lens of

*Learning involves patience and time.*

*Learning is embedded in memory, history, and story.*

*Learning involves recognizing the consequences of one's actions.*

*Learning recognizes the role of indigenous knowledge.*

*Learning is embedded in memory, history, and story.*

*Learning requires exploration of one's identity.*



*Learning is holistic, reflexive, reflective, experiential, and relational (focused on connectedness, on reciprocal relationships, and a sense of place)*

*Learning ultimately supports the well-being of the self, the family, the community, the land, the spirits, and the ancestors.*

*Learning involves generational roles and responsibilities.*

*Learning involves recognizing that some knowledge is sacred and only shared with permission and/or in certain situations.*

**Instructions:** Choose one or two First Peoples Principles of Learning, and reflect on how your experience during Science Fair was an illustration of this principle (source: [www.fnesc.ca](http://www.fnesc.ca))

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