

## GCT#3 EDUCATION PRESENTS

# 2<sup>nd</sup> Annual T3 Science Fair & Youth Forum

ZOOM ~ MARCH 7-9, 2022

## Science Fair Registration Form



GCT#3 Education would like to invite all T3 youth ages 12 – 30 to participate in our annual Science Fair.

All participants will receive a participation package as well as be entered into the grand prize draw of a PS5 Gaming bundle - once your project video has been submitted.

**Science Fair Registration Deadline - Friday, February 18, 2022**

**Project Video Deadline – Monday, February 28, 2022**

REGISTRATION FORM	
NAME	
COMMUNITY	
ADDRESS	
PHONE/CELL	
EMAIL	
PROJECT DETAILS	<p>Please indicate your project topic:</p> <p><input type="checkbox"/> Life, Earth &amp; Space      <input type="checkbox"/> Mechanism &amp; Structures      <input type="checkbox"/> Matter &amp; Energy</p> <p>Project Title: _____</p> <p>All projects are to be recorded and uploaded to the following link by <b>Monday February 28 latest</b>:</p> <ul style="list-style-type: none"><li>- <a href="http://gct3.ca/events/2nd-annual-science-fair-youth-forum/">http://gct3.ca/events/2nd-annual-science-fair-youth-forum/</a></li><li>- No more than 10min in length</li><li>- One entry per participant</li><li>- All entries will be showcased during the event</li></ul>

**Please send completed Registration Forms to:**

Stephanie Petiquan, Policy Analyst – [stephanie.petiquan@treaty3.ca](mailto:stephanie.petiquan@treaty3.ca) or by fax to (807) 548-5041

If you have any questions or concerns, please contact the Education Unit via email

Or call us at (807) 548-4214 ext.528

***Miigwech!***

## Topics in Science and Technology

Science and Technology Curriculum Overview			
Understanding Life Systems	Understanding Structures and Mechanisms	Understanding Matter and Energy	Understanding Earth and Space Systems
Needs and Characteristics of Living Things	Materials, Objects, and Everyday Structures	Energy in Our Lives	Daily and Seasonal Changes
Growth and Changes in Animals	Movement	Properties of Liquids and Solids	Air and Water in the Environment
Growth and Changes in Plants	Strong and Stable Structures	Forces Causing Movement	Soils in the Environment
Habitats and Communities	Pulleys and Gears	Light and Sound	Rocks and Minerals
Human Organ Systems	Forces Acting on Structures and Mechanisms	Properties of and Changes in Matter	Conservation of Energy and Resources
Biodiversity	Flight	Electricity and Electrical Devices	Space
Interactions in the Environment	Form and Function	Pure Substances and Mixtures	Heat in the Environment
Cells	Systems in Action	Fluids	Water Systems
Biology	Physics	Chemistry	Earth and Space Science
Sustainable Ecosystems	The Characteristics of Electricity	Atoms, Elements, and Compounds	The Study of the Universe
Sustainable Ecosystems and Human Activity	Electrical Applications	Exploring Matter	Space Exploration
Tissues, Organs, and Systems of Living Things	Light and Geometric Optics	Chemical Reactions	Climate Change
Human Tissues, Organs, and Systems	Light and Applications of Optics	Chemical Reactions and Their Practical Applications	Earth's Dynamic Climate

# THE SCIENTIFIC METHOD

**1 QUESTION**  
Pick something you're curious about.

**2 HYPOTHESIS**  
Make an educated guess at your question's answer.

**3 EXPERIMENT**  
Make a plan & test your hypothesis.

**4 DATA**  
Record your experiment's results and your observations.

**5 ANALYZE**  
Review and draw conclusions.

**6 REPORT**  
Explain your results and whether your hypothesis was correct.