SCIENCE FAIR PROPOSAL FORM
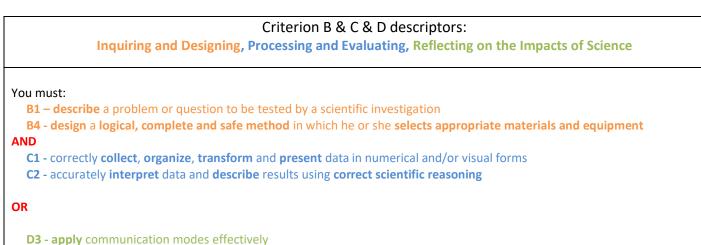
Step 1: Let's BRAINSTORM!

Come up with a few ideas to get you thinking about possible projects you would like to try:

Step 2: Where are the LINKS?

The Science Criteria: The idea you choose to explore needs to fit into either Criterion B/C OR Criterion D of the following criteria. Have a look through what you need to accomplish for each criterion and <u>circle</u> which criterion fits best with your idea.

Criterion B & C & D descriptors:
Inquiring and Designing, Processing and Evaluating, Reflecting on the Impacts of Science

You must:
    B1 – describe a problem or question to be tested by a scientific investigation
    B4 - design a **logical, complete and safe method** in which he or she **selects appropriate materials and equipment**
AND
    C1 - correctly **collect**, **organize**, **transform** and **present** data in numerical and/or visual forms
    C2 - accurately **interpret** data and **describe** results using **correct scientific reasoning**
 	
OR
 	
    D3 - apply communication modes effectively
    D4 - document the work of others and sources of information used.

The Global Context: Circle the Global Context you want to relate your project to connect to.

☐ **Identities and relationships**

Who am I? Who are we?
Students will explore identity; beliefs and values; personal, physical, mental, social and spiritual health; human relationships including families, friends, communities and cultures; what it means to be human.

☐ **Orientation in space and time**

What is the meaning of "where" and "when"?
Students will explore personal histories; homes and journeys; turning points in humankind; discoveries; explorations and migrations of humankind; the relationships between, and the interconnectedness of, individuals and civilisations, from personal, local and global perspectives.

☐ **Personal and cultural expression**

What is the nature and purpose of creative expression?
Students will explore the ways in which we discover and express ideas, feelings, nature, culture, beliefs and values; the ways in which we reflect on, extend and enjoy our creativity; our appreciation of the aesthetic.

☐ **Scientific and technical innovation**

How do we understand the world in which we live?
Students will explore the natural world and its laws; the interaction between people and the natural world; how humans use their understanding of scientific principles; the impact of scientific and technological advances on communities and environments; the impact of environments on human activity; how humans adapt environments to their needs.

☐ **Globalization and sustainability**

How is everything connected?
Students will explore the interconnectedness of human-made systems and communities; the relationship between local and global processes; how local experiences mediate the global; the opportunities and tensions provided by world-interconnectedness; the impact of decision-making on humankind and the environment.

☐ **Fairness and development**

What are the consequences of our common humanity?
Students will explore rights and responsibilities; the relationship between communities; sharing finite resources with other people and with other living things; access to equal opportunities; peace and conflict resolution.

DESCRIBE how your project connects to the Global Context you chose above:

_____

_____

_____

Step 3: How can you make it EXCITING??

The judges for the science fair are looking for ENTHUSIASM, a GOOD DISPLAY, and good COMMUNICATION.
Is there anything in particular you could do for this topic to help make it interesting for the judges?

BRAINSTORM:

Step 4: The PROPOSAL

Now that you have an idea, you have to get it APPROVED by your teacher. Fill in the following information:

❑ **I would like to work with a partner:** _____ **(partner's name)**

         OR

❑ **I prefer to work on my own for this project**

Title of Proposed Project: _____

Summary of the project, including materials needed:

_____

_____

_____

_____

_____

_____

_____

_____

Explain HOW the project links with the criterion:

_____

_____

_____

_____

Any safety concerns? Outline them below:

_____

_____

_____

Any timeline concerns? Outline them below:

_____

_____

_____

Signature of Approval from Teacher: _____

Step 5: The TIMELINE

You must create a TIMELINE indicating how you will get this project done by **May 15** (mock presentations will be made in class from February 17 to February 20, teachers will be marking your projects using science criteria rubric). **ROUND 2** of presentations will happen on **Friday May 19th**. Be prepared to stay after school to present if you want to be eligible for a prize from this category.

You must have this completed before starting on your actual project.
Science Fair Date: **May 24th 2023**

Week	# of Hours	What to complete	Who's Responsible?	Week	# of Hours	What to complete	Who's Responsible?

1 March 27 – 31	3-4			**4** May 1 – 5	3-4	Science Fair Lab Report Due on the 5th	
2 April 10 – 14	3-4	Experimental design due on the 14th		**5** May 8 - 12	3-4		
3 April 24 - 28	3-4	**Complete data Collection in the Lab**		**6** May 15 - 19	3-4	**Science Fair boards Due on the 15th**	

Signature of Approval from Teacher: _____

☺ **CONGRATULATIONS** ☺
You are now ready to get started on your Science Fair Project!