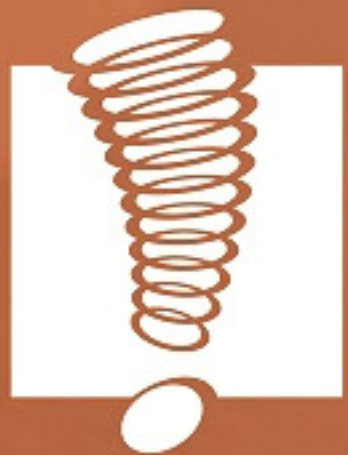


What Does an Awesome STEM Project Look Like?



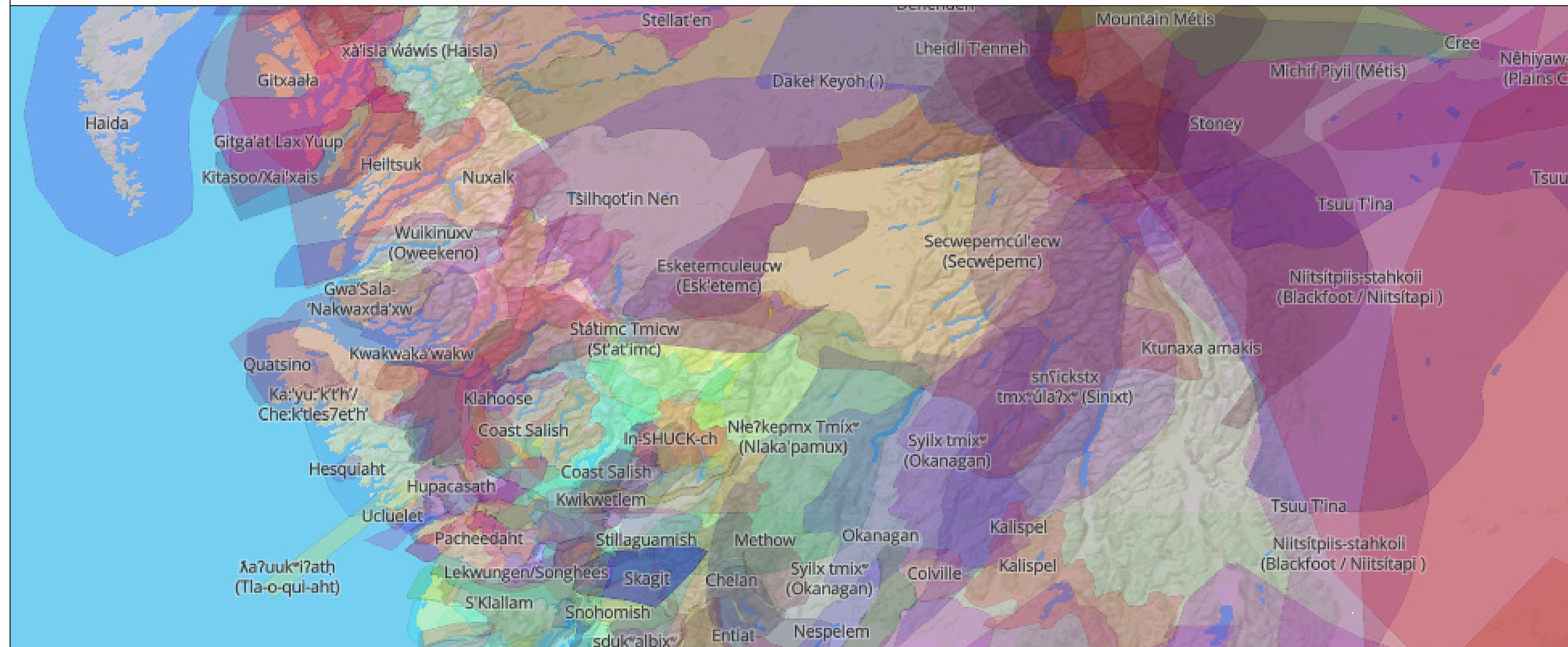
A Science Fair Foundation BC
STEM Workshop

WHAT DOES AN AWESOME STEM PROJECT LOOK LIKE?

STEM Workshop

Territory Acknowledgments

Find out more about the traditional territories of BC at www.native-land.ca



WHAT DOES AN AWESOME STEM PROJECT LOOK LIKE?

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Project Judging Criteria



How well you follow the Scientific Method

- hypothesis is clear and detailed
- background research/knowledge was applied in the project
- variables were identified
- procedure was appropriate and unbiased
- potential errors were minimized
- data were recorded accurately
- multiple trials were conducted



How well you communicate your results

- project report is well-organized and thorough
- supporting information is provided, including credits and citations
- visuals are appropriate and well presented
- oral presentation is clear and logical
- your answers to judge questions show depth of understanding



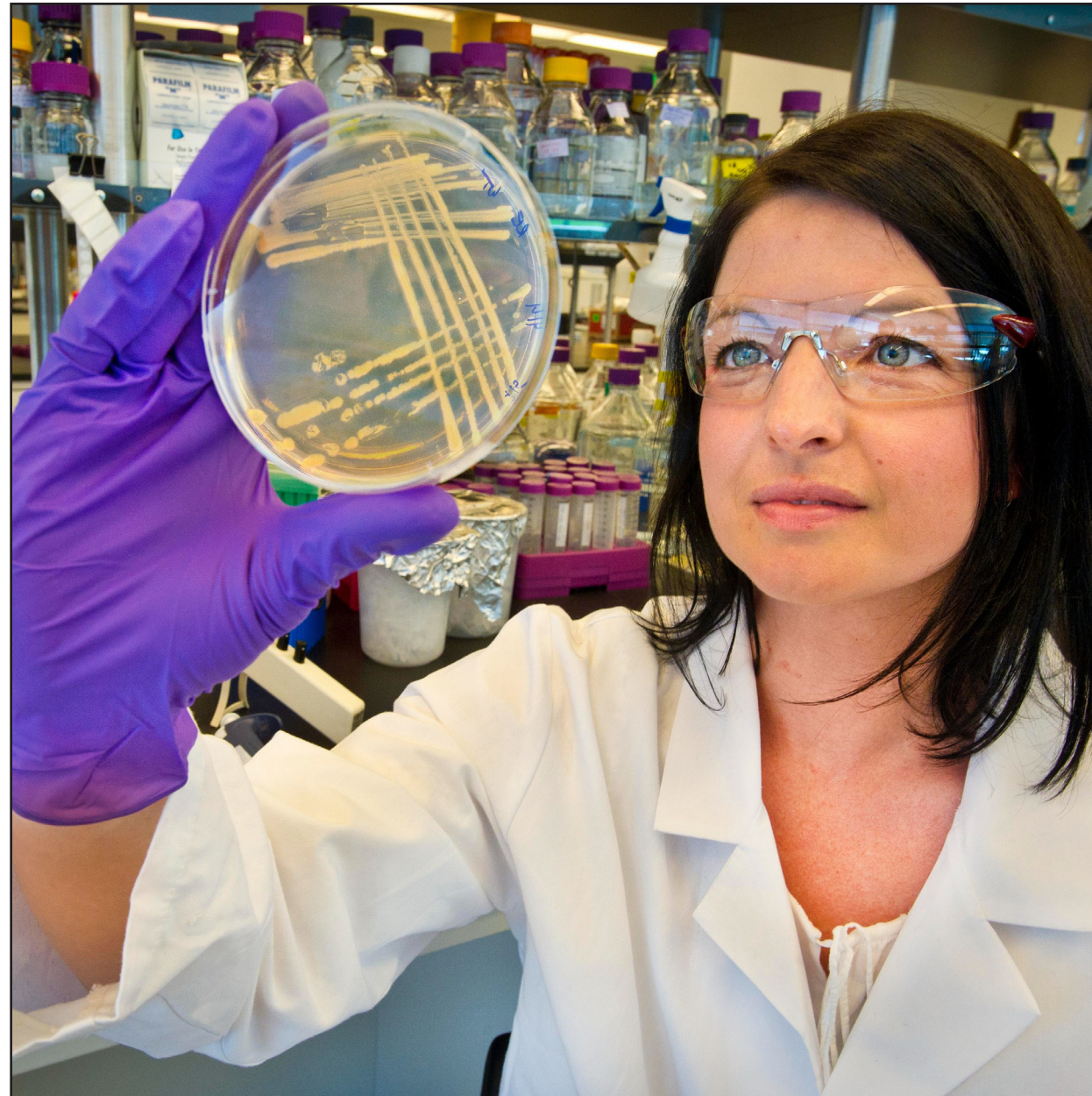
The creativity you display in your project

- you showed independent and personal interest in the project
- you approached the problem in your own original way
- you were resourceful
- you told judges how you could make your project better
- you explained next steps and how your project would impact your world

WHAT DOES AN AWESOME STEM PROJECT LOOK LIKE?

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How Do I Make an Awesome STEM Project?



BE RESOURCEFUL AND USE YOUR IMAGINATION

How did you choose your topic?

Is there a different way to look at this topic that hasn't been done before?

How are you gathering your data? Is there a different way to do this?

How are you interpreting your data?

WHAT DOES AN AWESOME STEM PROJECT LOOK LIKE?

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How Do I Make an Awesome STEM Project?



MAKE YOUR PROJECT PERSONAL TO YOU

What is constantly on your mind and why? Can you make a STEM project out of this?

Why is this project important to you?

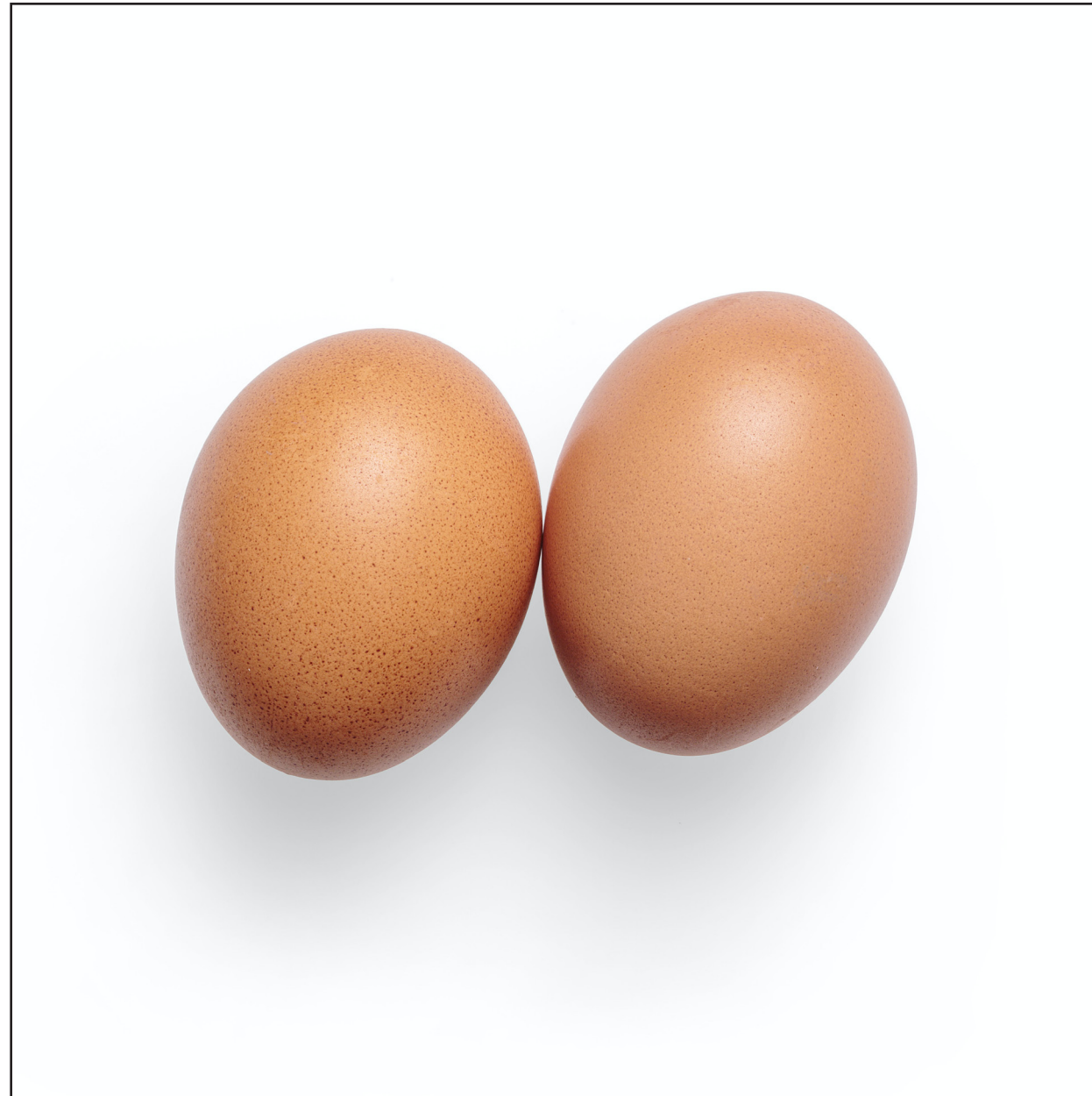
If someone else is asking you to do this project, what can you find within the project that sparks your interest?

Be passionate about your work and let it shine through!

WHAT DOES AN AWESOME STEM PROJECT LOOK LIKE?

STEM Workshop

How Do I Make an Awesome STEM Project?



IT SHOULD NOT BE OBVIOUS

Avoid questions/topics with an obvious answer.

Be open to getting a wrong answer or a non-answer.

If your project has been done before, what are you doing that makes it novel or unique?

If you were to explain your project to an expert, how will your perspective/project be unique and different? How will you explain that it's nothing they have ever seen before?

WHAT DOES AN AWESOME STEM PROJECT LOOK LIKE?

STEM Workshop

How Do I Make an Awesome STEM Project?



So WHAT?

What makes your project special or unique? And how is this important to other people?

How does your project relate to other work in the world? In your life? In response to something in your environment?

Now WHAT?

What are your next steps? Now that you've finished your project, how can you share what you can do next to expand on your topic and knowledge?

UPCOMING PROGRAMS

From Science Fair Foundation BC

Science Fair Foundation BC's

STEM Workshop

STEM Workshops

"What's a STEM Project?"

October 12th, 2021

"Why to How:

Understanding the Scientific Method"

November 9th, 2021

"Understanding Ethics & Safety"

December 7th, 2021

"What Does an Awesome STEM Project Look Like?"

January 18th, 2022

"Analyzing Your Results"

February 15th, 2022

"Communication:

Reports, Presentations, Interviews"

March 15th, 2022

Mentorship Program

Have a question about your STEM project? Not sure what your results mean? Looking for expert advice on your specific STEM topic? Our Mentorship Program connects students across BC and the Yukon with science fair organizers, science fair alumni, scientists and industry experts to help in the development of their STEM projects. Send in your question using the webform on our website and get an answer from a mentor whose background best fits your subject matter.

- Available now until mid-April, 2022
- Email access to experts in your area of interest
- Get help during any phase of your project
- Go to www.sciencefairs.ca/ask-for-help/mentorship

Discovery Foundation STEM Project Grant

Have a great idea for a STEM project, but don't have the resources to make it a reality? The Discovery Foundation STEM Project Grant awards project funding to Grade 4 to 12 students in BC and the Yukon who plan to participate in a science fair or the Youth Innovation Showcase in 2022.

- Deadline is February 15th, 2022
- Funding up to \$200 for STEM projects
- Will cover costs for project supplies, access to academic journals and lab space/equipment, and registration fees for science fairs or the Youth Innovation Showcase
- Go to www.sciencefairs.ca/ask-for-help/financial-aid

Find out more at www.sciencefairs.ca, following us on social, or subscribing to our newsletter.



Sweatin' for Science

Science Fair Foundation BC's annual fundraiser is in support of youth (like you!) from across BC and the Yukon who want to learn more about STEM.

Early Bird registration is now open!

Get your tickets and learn more at:

www.sciencefairs.ca/sweatinforscience

Key Dates

Early Bird Registration: Nov 29 to Feb 13

General Registration: Feb 14 to May 29

Event Dates: May 1 to May 30

Awards Show + 2023 Announcement: May 31