






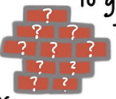



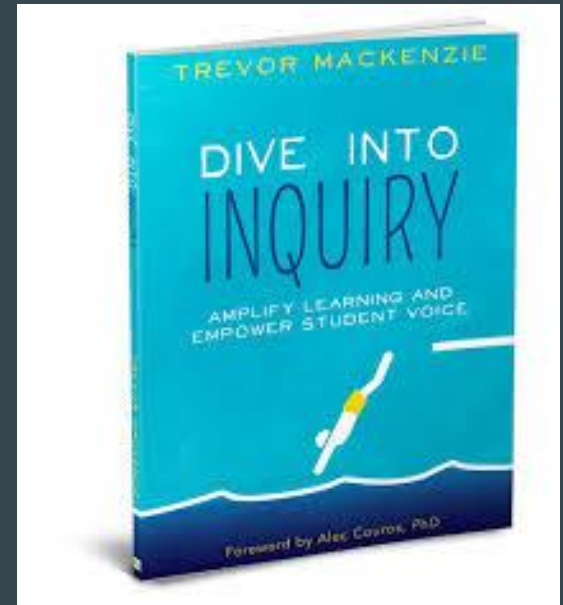


“Diving into Inquiry” with AGMS Students

10 Reasons to use Inquiry-based Learning
©Trev_Mackenzie @sylviaduckworth

- 1 Nurture student passions & talents 
- 2 Empower student voice & honour student choice 
- 3 Increase motivation and engagement 
- 4 Foster curiosity and a love for learning 
- 5 Teach grit, perseverance, growth mindset & self-regulation 
- 6 Make research meaningful & develop strong research skills 
- 7 Deepen understanding to go beyond memorizing facts and content 
- 8 Fortify the importance of asking good questions 
- 9 Enable students to take ownership over their own learning and to reach their goals 
- 10 Solve the problems of tomorrow in the classrooms of today 

Genius Hour Passion Projects 20% Time 



What is

Passions

Connections



École
Arbutus
Global Middle School

Challenge

Fairness &
Support

Celebrating Diversity. Seeking Sustainability

WHAT'S
YOUR
PASSION?



PASSION IS ENERGY.

**FEEL THE POWER THAT
COMES FROM FOCUSING
ON WHAT EXCITES YOU.**

OPRAH WINFREY

SUCCESS.com

Do it with passion or not at all.

PEOPLE WITH PASSION
CAN CHANGE THE WORLD FOR THE BETTER

Steve Jobs

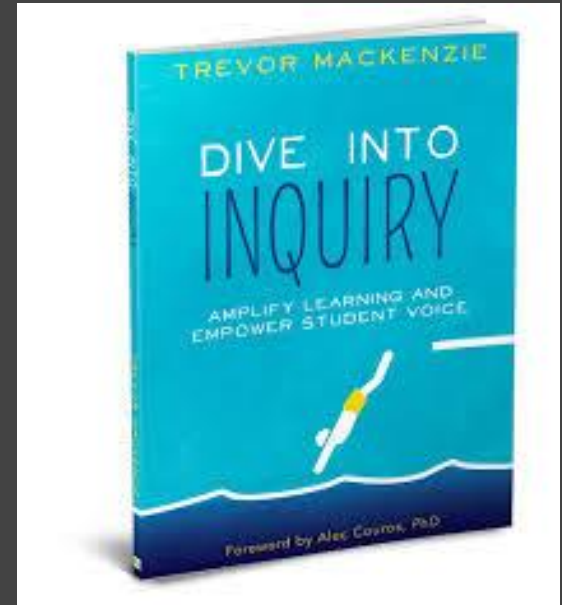


Don't give up.

Don't give up your passion.
Because passion is your dream,
emotion, and desire.
Live for it.

Trevor Mackenzie would argue that the three values that we should teach by that will transform learning are:


1. Be fearless
2. Embrace change
3. Give agency everyday



We started with the students...

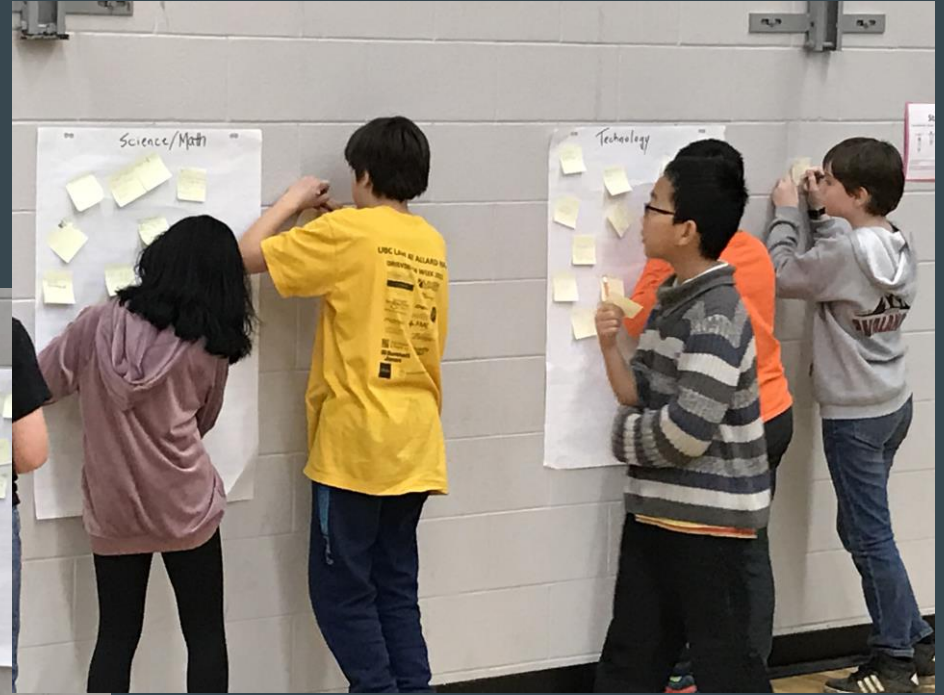
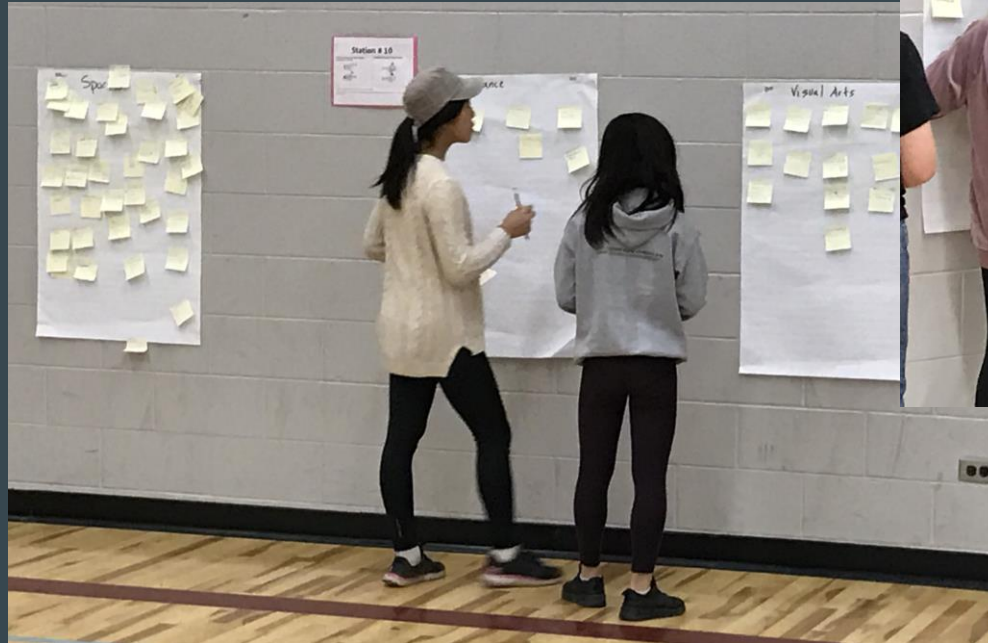
and talked about Passions.

How To Find Your Passion

<h1>ADDICTION</h1> <p>REDUCING THE AMOUNT OF DOPAMINE YOU GET FROM CONSUMPTION</p>	<h1>PASSION</h1> <p>FORCES YOU TO GET IT FROM A FORM OF CREATION</p>
<p>-DON'T HAVE TO DO MOST AT ALL</p> <p>INTERNET, TV SHOWS, FAST FOOD, (ETC)</p> 	<p>-HAD TO "CREATE" SOMETHING</p> <p>I FEEL VERY SATISFIED WITH THIS</p> <p>(BUILDING, GROWING CROPS, MAKING ART, ETC)</p>

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Then they identified the areas they are passionate about...



The Four Pillars of Inquiry

By: @trev_mackenzie

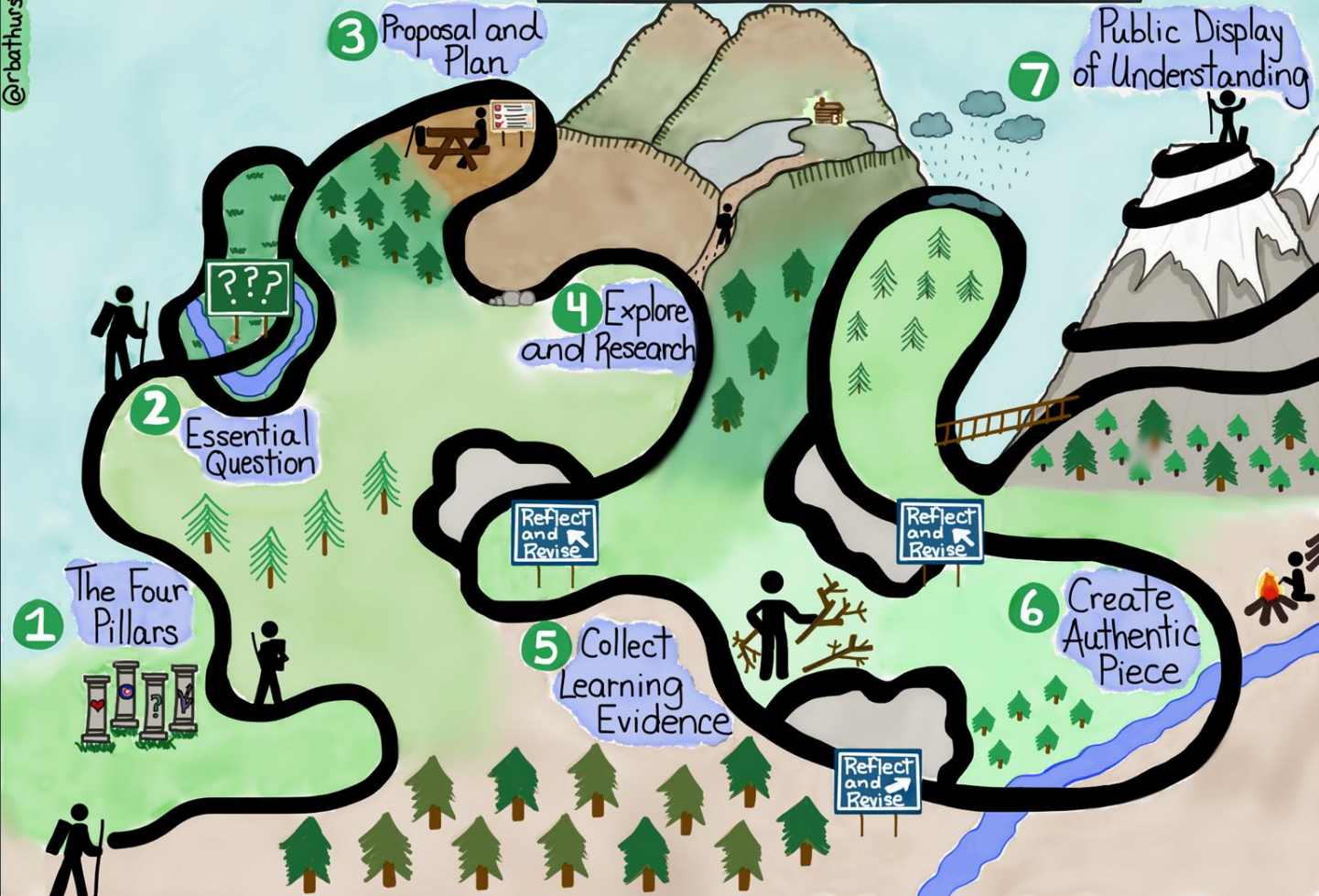
INQUIRY



Prior Knowledge
Student Motivation
Depth of Understanding
Connections to the World
Student Agency
Enriched Experiences

@rbathursthurt

The Inquiry Process



The Essential Question

What is your question?

<p>Why might soccer be the most popular sport?</p> <p>How is the fact that soccer is the most popular sport related to its history?</p>	<p>Why does and how could Zooplankton migrate?</p> <p>What are people doing to help conserve wildlife?</p> <p>How does the greenhouse effect work?</p>	<p>How is each dance move CREATED?</p> <p>How will coral bleaching affect reefs in the long run?</p> <p>How does gender affect sport?</p>	<p>What makes postcards post?</p> <p>How did Bo Jangles impact and inspire the dance community?</p> <p>Why do we dance?</p>	<p>What are the physical requirements of a sport?</p> <p>How do you determine if a sport is safe?</p> <p>How do you determine if a sport is fun?</p>	<p>How might the physical environment affect the future?</p> <p>How does the physical environment affect the future?</p>
<p>How might killer whales affect our environment?</p> <p>How does climate change/affect our planet?</p> <p>How does climate change/affect our planet?</p>	<p>How does the greenhouse effect work?</p> <p>How does the greenhouse effect work?</p>	<p>What does dance can bring us?</p> <p>What is the most harmful factor to the skin?</p>	<p>How did the bridge come into being?</p> <p>Why are some dances more popular than others?</p> <p>How can I create a better world?</p>	<p>Who named swimming "supper" and why?</p> <p>How did dance change?</p>	<p>What is required to make a meal/recipe healthy?</p> <p>NAME?</p>
<p>How does climate change/affect our planet?</p> <p>How does climate change/affect our planet?</p>	<p>Why do some dances go so viral online?</p> <p>What are the best dance moves and why?</p>	<p>How has food in Asia changed over the last 50 years?</p> <p>How has food in Asia changed over the last 50 years?</p>	<p>What makes a good short film?</p> <p>How did the 3 point shot change basketball?</p> <p>How do I put on a shirt?</p>	<p>Where will dance be in 200 years from now? Styles? Shoes? Dance-twear?</p> <p>How can I create a better world?</p>	<p>How does it get people into and out of the hospital for the environment?</p> <p>NAME?</p>
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Explore a Passion



Aim for a Goal



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Dive into Your Curiosity



Take on a New Challenge



Free Inquiry Proposal

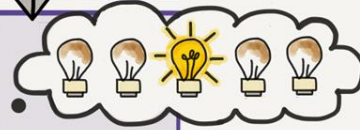
By: @trev.mackenzie



1. What is your essential question?
Please share why it is meaningful to you.



2. What is your authentic piece?
How will you make your learning public?



3. What will you read, research and study to help explore your essential question?



4. What are your goals for your free inquiry?



5. What learning evidence will you gather to capture everything you are learning about your essential question?



6. What is your plan? Create a calendar and day-to-day plan to help your free inquiry unit to be a successful learning experience.



@rbothursthurnt

Proposal and Plan...



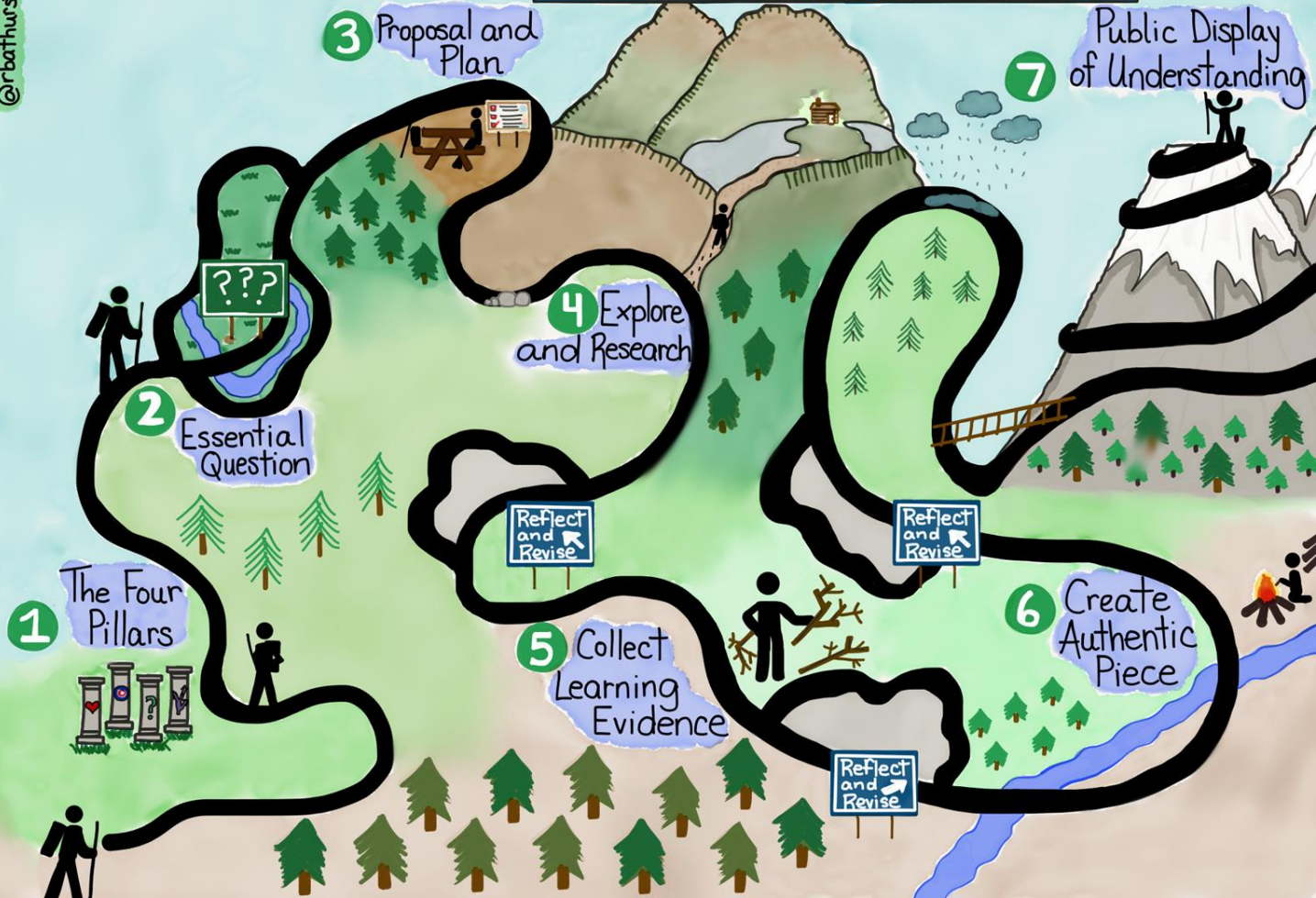
Explore and research...



Collect Learning Evidence...



The Inquiry Process

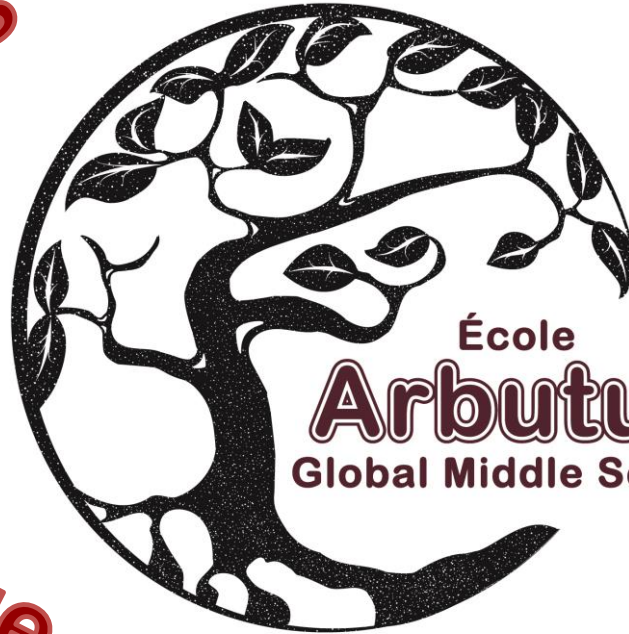


This process brings our beliefs to life!

Passions

Connections

Challenge



École
Arbutus
Global Middle School

Fairness &
Support

Celebrating Diversity. Seeking Sustainability