

A person in silhouette stands on a mountain peak, looking out over a vast mountain range at sunrise. The sun is low on the horizon, casting a warm glow over the landscape. The person is wearing a dark jacket and has a backpack on. The mountains in the distance are layered, creating a sense of depth. The sky is a mix of blue and orange. A rope railing is visible in the foreground.

INSPIRATION AND EXPLORATION

Grade 9 Cross-Curricular Project

English/Math/Science/Socials

'Uy' netulh/Bonjour/Good Morning



How to get inspired and creative



Look inward



Consider your
big picture



Start exploring,
noticing



Who am I?

My name is Alana Baker

My husband's name is John Allan
Wood

I have two children and two cats.

What matters to me is love,
friends, and family.



J. Allan Wood

Athlete

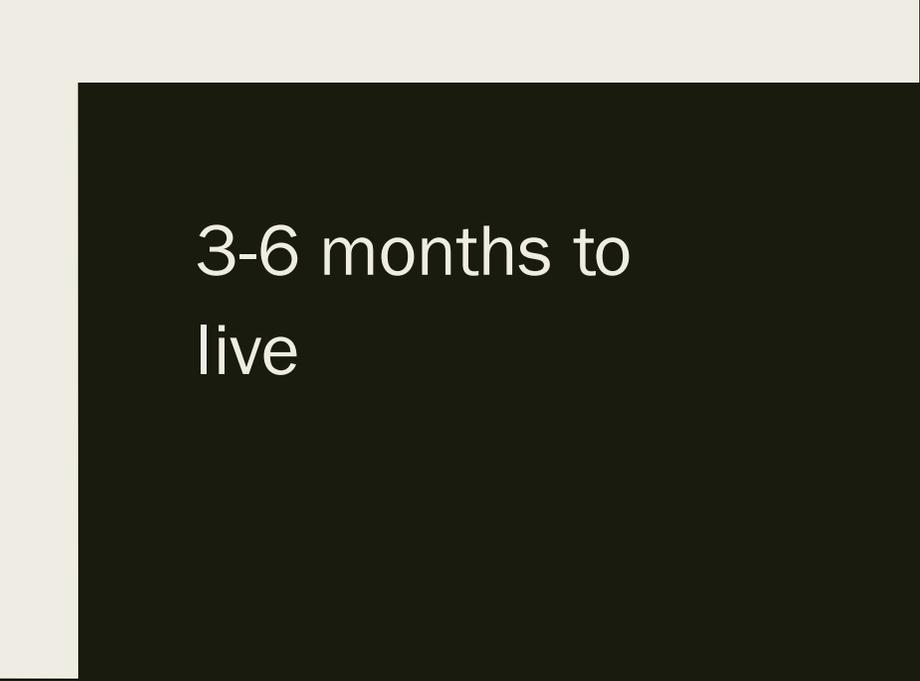
- 1976 Montreal Olympics and 2006 World Masters Rugby

Goofy

- Best halloween costumes

Larger than life

- Met AC/DC on a ferry
- Was a movie actor



3-6 months to
live

GET YOUR
AFFAIRS IN
ORDER



CANCER AS CONSTANT COMPANION

Breast & Ovarian Cancer



Inquiry Questions



Time spent

What is important to do when you are told you have little time left?



Extend life

What treatments or possibilities are best to extend a life?



Why me?

What is the best way to deal with emotional trauma and its effects?

FRANCES
K E L S E Y
SECONDARY SCHOOL
School District 79 Public School

Kelsey Kafe Provincial Exam Login Staff Social Media Translate

ie. student registration

fksfrontdesk@sd79.bc.ca 250-743-6916 953 Shawnigan-Mill Bay Rd, Mill Bay, BC

HOME OUR SCHOOL COURSE RESOURCES STUDENTS & PARENTS GRADUATION **LIBRARY COMMONS** COMMUNITY CONTACT STAFF

RESEARCH HELP

- Search for a book or resource**
Look up what we have in house!
- Research Sources**
See how to access sources by requesting books.
- Citing Your Sources**
EasyBib & plagiarism – know how to credit sources
- Online Note Taking Template

TECH HELP

- 365 Microsoft Office**
All students need to create, design and store documents – never lose work again with Office 365!
- Change Your Wifi Password**
Find security in making your password unique for wifi, OwnCloud, and printing
- Printing How To Video**
- Printing from an Android Phone**
Got a Samsung? LG? Google? HTC?
- Printing from personal laptop**
Bringing a laptop from home?
- OwnCloud - How To Use**
Every student has their own cloud storage space

FICTION FANFARE

- Audio Options**
Want to listen to a story instead of reading one? Choose your book, relax, and get lost in a narrative!
- Writing Contests and Opportunities**
Want to be published? Win money and fame?

Check these out for reliable research!

Where do I find information?



Gale Group database



Ebsco database



Interview people



Books



Ted talks/
Documentary
films



News websites

I choose: Extending Life with Cancer

Newest Medical Treatments

- The [Personalized Onco-Genomics](#) (POG) Program is BC Cancer's flagship study in precision medicine and the first program of its kind to deploy whole genome analysis to inform individual treatment planning for patients.

Best Naturopathic/Dietary Discoveries

- Photobiomodulation: A non-intrusive targeted treatment using lasers or LEDs to improve tissue repair, reduce pain, inflammation, and so much more.

NOTE-TAKING

Use template online or the one given to you by your teacher

*You need 3 sources for LG 17 and 3 more for LG 18

Questions/Comments

I met Dr. Laskin

What is it in DNA that the same mutation can show up as different types of cancer? I thought pancreatic cancer was same condition in every person diagnosed with “pancreatic cancer.”

Why is funding only donation? Where is government on this?

Title: Personalized Onco-Genomics/Webpage

Citation: “Personalized Onco-Genomics.” BC Cancer Foundation, BC Cancer Foundation, 2019, bccancerfoundation.com/why-give/research/personalized-onco-genomics.

Notes:

Cancer happens when the genomes of cells change

Flagship study – whole genome analysis, sequencing genetic codes in order to study personalized treatments

Study in phases – first one showed genomic structure changes over time, second one on-going

Genomes matched twice, normal and cancerous cells

Comparison for mutations – where do they diverge? What treatment/drug will work best for this person?

Program launched in 2012 due mostly to donations

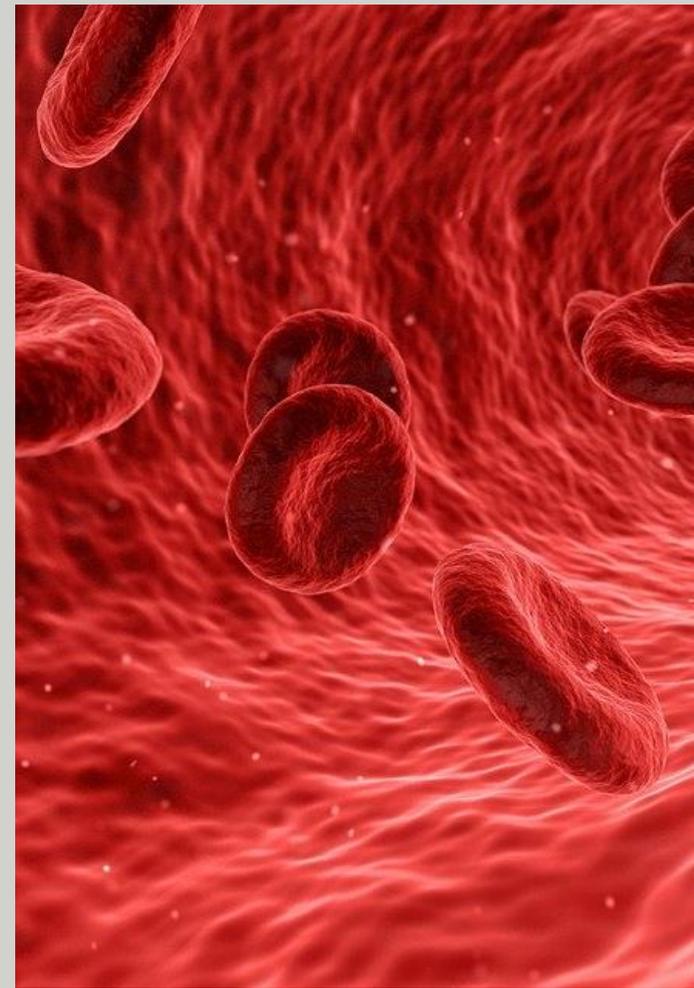
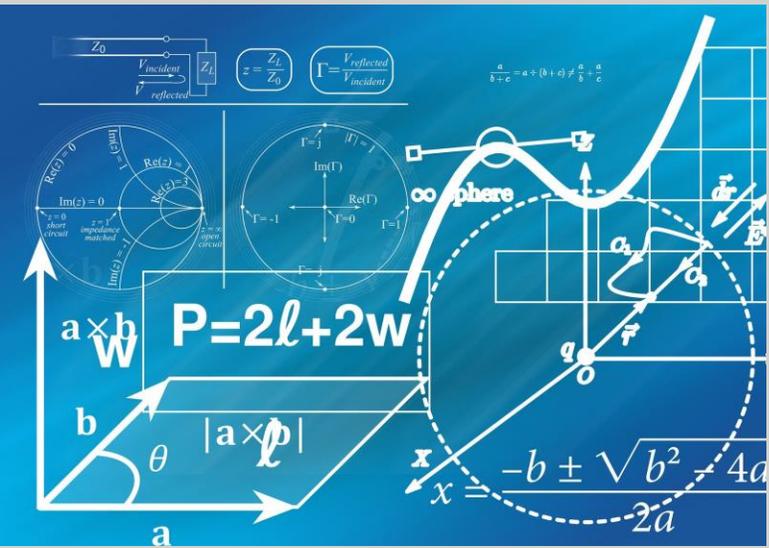
Headed up by Dr. Janessa Laskin

Summary: The direction of cancer research is trying to understand more about how cancerous cells work differently in individuals so that a personalized treatment can be recommended rather than a generic solution like chemotherapy which sometimes can be more harmful than helpful.

TIE IN SUBJECT AREAS?

After note-taking, consider the 4 areas of curriculum and how they fit





How does this fit into subject areas?

Science

Demonstrate an awareness of assumptions, question information given, and identify bias in their own work and secondary sources.

Math

Use mathematical arguments to support personal choices

Socials

Assess how prevailing conditions and the actions of individuals or groups affect events, decisions, or developments (cause and consequence)

English

Construct meaningful personal connections between self, text, and world



Do I have to do this project? Yes



Can we do this in partners? No



What is due by the end of first semester? Idea generator sheet, notes from 6 research sources (cited correctly), competencies being met for first semester courses



What format can my June presentation take? Infinite possibilities...



Do I have to present to a large group? No, but you will be talking to 4 teachers in a gallery walk style

FAQ

A person wearing a red coat is shown from the waist down, standing at a table. They are using a pair of scissors to cut a piece of brown leather. On the table, there are several other pieces of leather, some with metal fasteners or buckles. The background is a soft, out-of-focus indoor setting. The entire image is overlaid with a dark, semi-transparent filter. A large, white, L-shaped graphic element is positioned in the top-left and bottom-right corners of the image.

THANK YOU

Happy inquiring!
Onto the idea generating activity