



JABC



TechWorks

An exploration of technology careers for youth



VICTORIA PROGRAM REPORT

December 05, 2018
Victoria Conference Centre



AT A GLANCE



298 Students
Grades 9 & 10



53 Presenters

**18 Partnering
Companies**



**6 Breakout
Sessions**





IMPACT

As part of JABC's ongoing efforts to deliver relevant and meaningful learning experiences for youth, we surveyed all students before and after they attended TechWorks to measure changes in their attitude and awareness of technology associated careers. The survey results demonstrate that JABC TechWorks provided valuable, eye-opening lessons for students who will soon need to make decisions about their future careers.

Interest in a technology related career



64% more students said they now have an interest in working in the technology sector someday as a result of participating in *JABC TechWorks*.

Women interested in a technology related career



100% more females said they now have an interest in working in the technology sector someday as a result of participating in *JABC TechWorks*.

Awareness of employment opportunities



191% more students stated they are now aware of employment opportunities in the technology sector after participating in *JABC TechWorks*.

Awareness of training required



118% more students said they now possessed an understanding of the educational pathway and training required to attain a job in technology after participating in *JABC TechWorks*.



PROGRAM OVERVIEW

Technology continues to transform the business landscape at a rapid pace, impacting every industry and job field. Yet, the demand for innovative, highly skilled employees who can create and use new technologies is outpacing supply.

According to KPMG's 2018 British Columbia Technology Report Card, talent and scalability continue to be two main constraints on BC's technology sector.

“Concerningly, BC has a striking lack of experienced talent - those with a track record in growing companies from start-ups to scale-ups...And while BC's graduates are second to none, we are simply not keeping up with the quantity of people needed or the new skills and qualifications required by a fast-changing industry. We must invest more in people and grow BC's skilled workforce by funding more educational opportunities - starting with K-12 and right through to post-secondary and lifelong learning.”

- 2018 British Columbia Technology Report Card

Greater Victoria is projected to have over 1000 technology firms by 2020 and currently employs 16,775 people. The region has experienced a fourfold increase in direct impact industry revenues over the past decade and growth is expected to continue¹.

As part of JABC's strategic plan, *Bright Futures for all BC's youth*, to increase our program offering and utilize new and innovative delivery methods, we launched TechWorks in 2017 in Vancouver. Working with our industry partners, TechWorks is designed to make BC's youth more aware of careers in BC's technology sector and the knowledge and skills required to secure these jobs.

We were pleased to expand the program to Vancouver Island in late 2018 and hosted JABC TechWorks Victoria on December 5, 2018 at the Victoria Conference Centre. Nearly 300 students attended along with over 50 industry professionals who gave presentations and facilitated breakout sessions.

JABC is grateful to all of our partners who helped make this event possible!



¹ Economic Impact Of The Technology Sector In Greater Victoria, 2018

[View Photo Gallery](#)



I was blown away...it was a great event and there was something for every student to get excited and motivated by!

- Colleen M., Teacher at Parkland Secondary





MORNING PLENARY

The morning plenary at the Victoria Conference Centre was a high energy introduction to the world of technology with a DJ, engaging speakers from technology-focused firms, an interactive polling activity with lessons from the *JA Economics for Success* program, and a live technology demonstration. The speakers raised awareness of the increasing number of tech companies and start-ups that exist in BC and connected with the students by outlining their own paths, inspiring them to consider careers in the industry.



Andrew MacLean
Co-Founder, HighTechU



Rob Fleming
Minister of Education



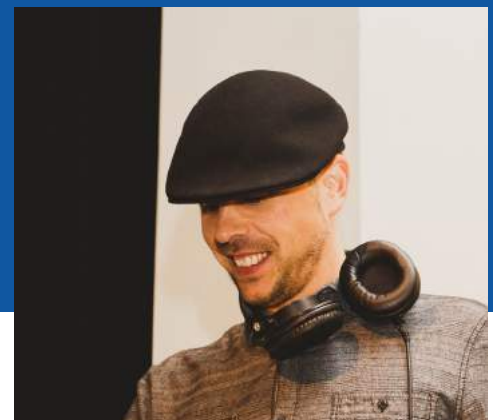
Neil Henderson
General Manager, Software & Extensions, Redbrick



Nicole Smith
CEO & Founder, Flytographer



Laura Grondahl
Software Developer, LlamaZOO



DJ Joshua James
Professional DJ/ Music Consultant



The most memorable part of my day was meeting people that truly love their work.

- Gema L., Student at Claremont Secondary





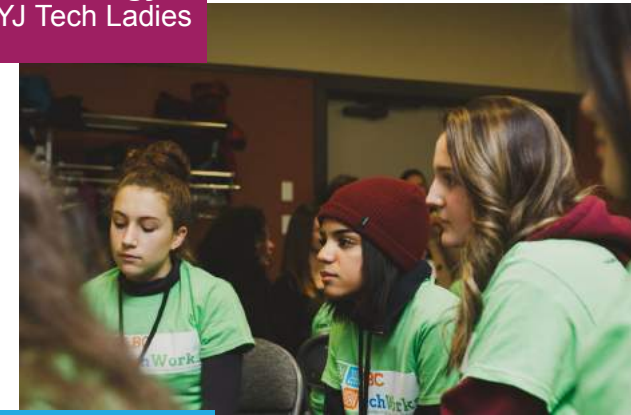
BREAKOUT SESSIONS

The six breakout sessions consisted of interactive presentations from some of the largest tech companies in BC representing key sectors of the industry. Students were introduced to the various sectors, met professionals, experimented with new technologies and discussed the current tech landscape.

Fly into the Future
Presented by Viking Air



Women in Technology
Presented by YYJ Tech Ladies



Empower your Voice
Presented by TC Helicon



TC Helicon amazed me, and what tech can do - changing voices!!
- Jenna G., Student at Pacific Christian School

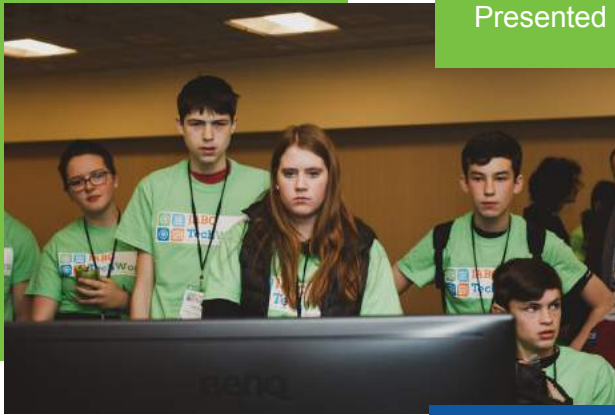




BREAKOUT SESSIONS

Battlesnake

Presented by Sendwithus



Powering BC

Presented by BC Hydro



Visual Effects & Animation

Presented by Sony Pictures
Imageworks



I liked learning about the process of animating a scene in the movies.



- Chynna A., Student at St. Andrews Regional High School



CLOSING PLENARY

A

t the closing plenary session, we were pleased to welcome special guests Rick Glumac, Parliamentary Secretary for Technology, Province of BC and David Curtis, CEO, Viking Air, who inspired the students to take what they learned throughout the day to consider their next steps.



Rick Glumac
Parliamentary Secretary for
Technology, Province of BC



David Curtis
CEO, Viking Air



Thanks to the generosity of our partners, a number of door prizes were handed out.



A huge thank you to our sponsors and partners for making this event possible.



Platinum Sponsor, Viking Air, gave away a free flight!



The most memorable part of my day was engaging with other youth and discovering the opportunities within technology.



- Sophie G., Student at École Victor-Brodeur



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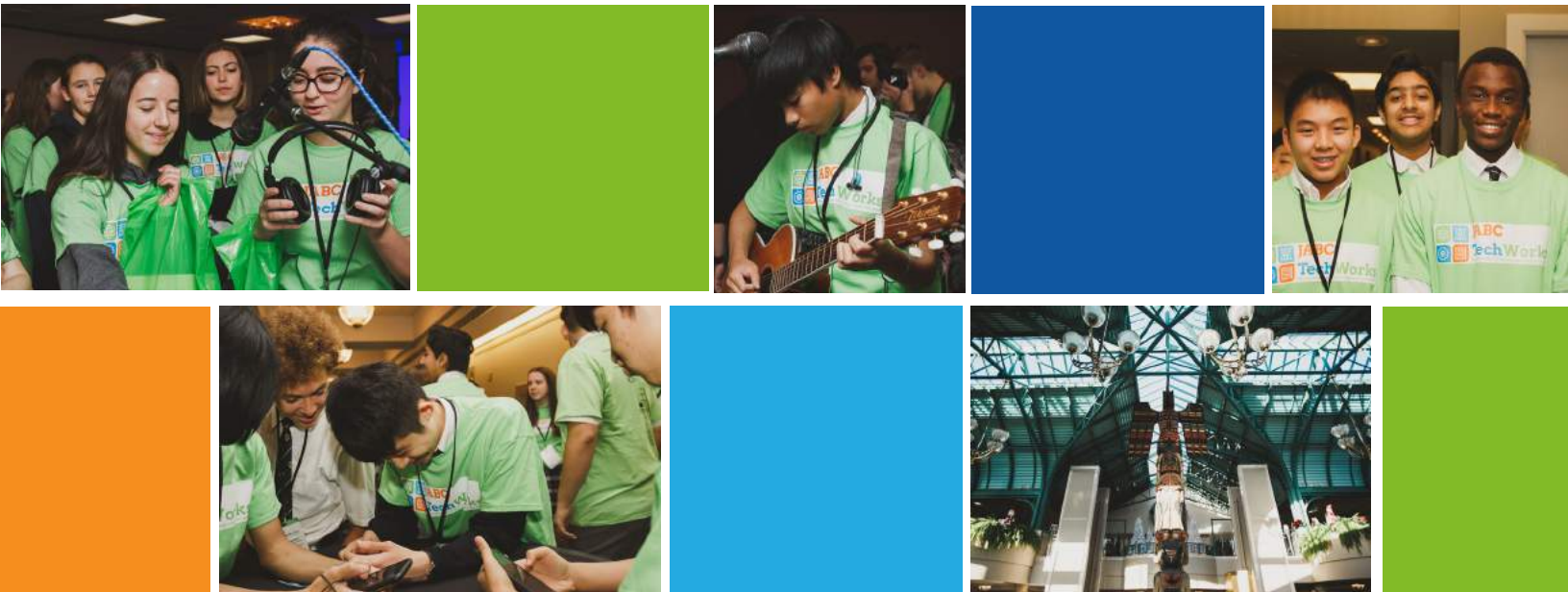
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