

JABC TechWorks

PROGRAM REPORT



2023-24



JABC **TechWorks**



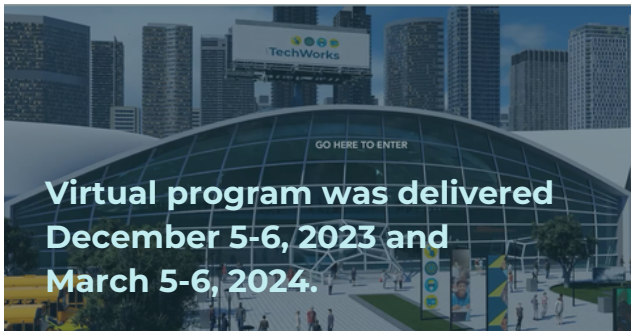
JA
British
Columbia

Member of
JA Canada



OVERVIEW

During the 2023-24 school year, JA British Columbia was pleased to deliver JABC TechWorks in both virtual and in-person formats once again. This approach ensured that students across the province had access to unique educational experiences, regardless of their location.



This tech-enabled work-readiness program provided youth with opportunities to connect directly with experts from diverse industries. Through interactive presentations and engaging discussions, students explored exciting tech-related career paths and developed skills for their own professional journeys.



I enjoyed learning about everyone's experiences and learning about different opportunities in the tech industry.

– Student, Mark R Isfeld Secondary School



ABOUT JABC TECHWORKS

JABC TECHWORKS INTRODUCES B.C. YOUTH TO THE JOBS OF THE FUTURE.

In today's digital age, technology-related careers are in high demand. Since its launch in 2017, JABC TechWorks has reached an estimated 24,000 youth, encouraging them to consider their educational choices and inspiring them to pursue careers in British Columbia's tech sector and beyond. The program equips students with the skills needed to succeed in a rapidly evolving job market.



With over 11,000 companies supporting 131,000 jobs, B.C.'s technology sector remains among the top five contributors to the provincial economy. By 2029, an anticipated 60,000 new jobs are projected, including positions that don't yet exist.

Learn more at techworks.jabc.ca



JABC TECHWORKS 2023-24 AT A GLANCE

6,700+
Students
Grades 6-12

253
Classes

68
Schools

34
School
Districts

3
Provinces



SCHOOL DISTRICTS REACHED

- #05 Southeast Kootenay
- #19 Revelstoke
- #22 Vernon
- #28 Quesnel
- #33 Chilliwack
- #34 Abbotsford
- #36 Surrey
- #38 Richmond
- #39 Vancouver
- #41 Burnaby
- #43 Coquitlam
- #44 North Vancouver
- #45 West Vancouver
- #48 Sea to Sky
- #53 Okanagan Similkameen
- #61 Greater Victoria
- #63 Saanich
- #64 Gulf Islands
- #68 Nanaimo-Ladysmith
- #71 Comox Valley
- #73 Kamloops-Thompson
- #79 Cowichan Valley
- #81 Fort Nelson
- #82 Coast Mountains
- #83 North Okanagan-Shuswap
- #98 Surrey & Fraser Valley
- #99 Mainland/ North/ Island (Independent)
- #100 Mainland (Community Center)

**British
Columbia**

**Alberta
9 schools**

**Ontario
2 schools**

INDIGENOUS COMMUNITY SCHOOLS REACHED

- Sts'ailes (Chehalis) Community School
- K'ak'ot'lats'i School





JABC TECHWORKS VIRTUAL

On December 5-6, 2023 and March 5-6, 2024, JABC engaged approximately 6,400 students from grades 6-12 across B.C., nine schools in Alberta and two schools in Ontario. Students had the opportunity to interact with 23 volunteer speakers and facilitators from various companies, including:

Accenture
Acuitas Therapeutics
Amazon Web Services
BC Tech
Eastside Games
Electronic Arts
FortisBC

Greater Vancouver Board of Trade
Kwantlen Polytechnic University
LMI Technologies
Nicola Wealth
NoW of Work Inc
OnActuate

Open Ocean Robotics
Prospera Credit Union
Redbrick
Reusables.com
SAP Canada
TELUS
Vancouver Tech Journal

WELCOME AND KEYNOTE SPEAKERS



Keynote Speaker

ANASTASIA KIKU
Forbes 30 Under 30
Co-Founder, Reusables.com



Keynote Speaker

GREG MALPASS
Executive Chair,
Uncommon Purpose



Territory Welcome

CHRIS SILVER
Council Member, Sumas First Nation



State of Tech in B.C.

JILL TIPPING
CEO, BC Tech



On-demand career video library featuring experts from a variety of leading B.C. tech and tech-enabled companies.



Special guest speakers and opportunities for live Q&A with industry leaders and mentors from a variety of tech areas.



Exciting virtual platform supplemented with digital resources.



JABC TECHWORKS VIRTUAL BREAKOUT SESSIONS & FACILITATORS

Jobs in Tech: Beyond the Coder

Led by Basil Onyia and Emma Andrist, Redbrick; Kaylee Astle, Blanka; Anna Stukas, Carbon Engineering; Kirsten Sutton, YWCA Woman of Distinction; Marc Coderre, Trulioo; Kim Halowski, FortisBC; Sonia Singh, Amazon Web Services; Sarah Spratley, SAP Canada.

Robotics: Revolution Across Industries

Led by Tam Dinh, JA British Columbia; Mark Radford, LMI Technologies; Madeleine Bouvier, Open Ocean Robotics; Sean O'Connor, TechBrew Robotics; Aryan Maghsoud, RIGID ROBOTICS; Selena Woo, Nicola Wealth.

Game Development: Where Art Meets Code

Led by Susannah Skerl, Centre for Digital Media; Joshua Nilson, Eastside Games; Rocky Ozaki, NoW of Work Inc; Tim Heusken, Vivid Solutions Inc.; Megan Moreau, Electronic Arts.

AI: Shaping Our Future

Led by William Johnson, Vancouver Tech Journal; Jessica Nordlander, University of Gothenburg; Alexandre Guilbault and Abdul Moiz, TELUS; Julia Sprague, Microsoft Photo Experiences; Inga Seelemann, Accenture; Nikhil Gupta, OnActuate.

Tech Transformations: Powering Growth Across Industries

Led by Sheila Biggers, JA British Columbia; Michael Artley, Acuitas Therapeutics; Ryan Sword, Teck Resources; Inga Seelemann, Accenture; David Burns, Kwantlen Polytechnic University; Laurie Desautels, Prospera Credit Union; Steve Banick, TELUS.



JABC TECHWORKS IN-PERSON

On April 24, 2024, JABC held an in-person TechWorks program at Kwantlen Polytechnic University (KPU) in Surrey, B.C., engaging 329 grade 10 students. Students had the opportunity to interact with 21 volunteer speakers and facilitators from various companies in eight different breakout sessions.

WELCOME AND KEYNOTE SPEAKERS



Emcee

ANDREW MACLEAN
Developer Relations Manager, DevCycle



Keynote Speaker

GREG MALPASS
Executive Chair,
Uncommon Purpose



Speaker

RANDALL HEIDT
Vice President External Affairs, KPU



Territory Welcome

RICHARD PIERRE
Indigenous Knowledge
Keeper in Residence, KPU



Speaker

INGA SEELEMANN
Principal Director, Accenture



Breakout sessions hosted by local technology companies, with hands-on demos and activities.



High-energy opening plenary session featuring special guest speakers.



“Today was overall an amazing day and it motivates me to hopefully go into one of these industries in the future.”

– Student, Clayton Heights Secondary School



JABC TECHWORKS IN-PERSON BREAKOUT SESSIONS & FACILITATORS

Accenture

Led by Alan Hadle Hamilton, Clara Serra,
Ishu Agarwal, Bhargavi Chendi

Belmar Consulting Group

Led by Matthew Hui, Laxinder Singh, Tom Kadota

Finning Canada

Led by Jeffrey Thi, Nadia Vinegas

H.R. MacMillan Space Centre

Led by Marley Leacock

Kwantlen Polytechnic University

Led by Michael Hayes

SkilledTradesBC

Led by Julia Klymenko, Sylvia Jordi

Sony Pictures Imageworks

Led by Greg Berridge

Teck Resources Limited

Led by Dave Donaldson





STUDENT OUTCOMES

As part of JABC's ongoing efforts to deliver relevant and meaningful learning experiences for youth, we surveyed students after they attended this year's program to learn more about their attitude and awareness of technology-related careers. The survey results demonstrate that JABC TechWorks provides valuable, eye-opening lessons for students who will soon need to make decisions about their future careers.

86%

of students reported an increased awareness of the role that technology plays in a variety of industries.

80%

of students say they acquired a deeper awareness of the tech-related careers that are available to them after graduation.

82%

of students reported an increased understanding of the positive impact tech has on society.



My highlight was when I saw the demonstration of the robotic arms' scanning technology for handling sensitive products and cars.

– Student, Alcuin College





PROGRAM SUPPORTERS

THANK YOU TO OUR 2023-24 PROGRAM SUPPORTERS AND TECHWORKS ADVISORY COMMITTEE!

PROVINCIAL PARTNERS



PRESENTING PARTNER



PLATINUM PARTNERS



GOLD PARTNERS



SILVER PARTNERS



TECHWORKS ADVISORY COMMITTEE

Andrew Marchant | Greg Malpass | James Dean | Janet Wood | Jill Tipping
Keith Spencer | Kirsten Sutton | Neil Henderson | Norm Francis | Steve Banick

ABOUT JABC



JA British Columbia (JABC) is a not-for-profit impact organization that delivers hands-on, immersive education in work readiness, financial health, and entrepreneurship. Through JA, young people are equipped with the skillset and mindset to build thriving communities. Learn more at jabc.org.



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