

JOB OPPORTUNITY



(Full-Time Contract)

Position: Tech Up Learning Specialist

Reports to: Tech Up Project Manager

Posted: July 15, 2019

Science World is a BC-based charitable organization that engages the people of British Columbia in STEM literacy. Our mission is to ignite wonder and empower dreams through science and nature. Our values are Curious, Playful, Inclusive, Relevant and Collaborative.

What is exciting about this opportunity?

Well known for fun and flair, Science World British Columbia makes STEM learning approachable and captivating through interactive science and tech-based exhibits, workshops and outreach programs. Science World's Tech Up initiative focuses on the development of digital skills through computational thinking and coding. For K-12 teachers, Tech Up barrier-free hands-on professional development experiences. For students, Tech Up delivers coding and computational thinking activities through Science World's well-established educational programs including *Scientists and Innovators in the Schools*, *Super Science Club*, and field trip workshops.

Position Description:

Working alongside the Community Engagement team and as part of the Tech Up project team, the Tech Up Learning Specialist will play both lead and supporting roles in development, implementation, documentation and evaluation of Tech Up programs designed to support teachers and students. This position is focused primarily on support of K-12 teachers.

Primary Responsibilities:

- Deliver computational thinking, coding and digital skills workshops to teachers throughout BC at conferences, school professional days and other in-service opportunities. This includes two 5-day teacher summer professional learning institutes for teachers in August 2020
- Deliver in-class demonstration lessons in remote, rural and indigenous communities with follow-up debrief for teachers
- Develop and deliver after-school workshops for teachers at TELUS World of Science
- Provide training and support for Science World staff, contractors and volunteer mentors delivering other Tech Up components including *Scientists and Innovators in the Schools*, field trip workshops, and library kit activities
- Other duties as required

Contract length:

September 3, 2019–August 31, 2020

Who are we looking for?

You are a team player who is comfortable working with colleagues using influence rather than authority. You are organized and independent, yet flexible and collaborative, have excellent communication skills (written and verbal) and experience dabbling in multiple projects simultaneously. You are a life-long learner who enjoys tinkering with innovative technology; you can quickly familiarize yourself with new tech and are keen to share your discoveries with others of all ages.

What skills and capabilities do you bring?

- BC certified teacher with a minimum of 2 years classroom experience (or equivalent)
- Experience with innovative science teaching methods, such as inquiry and problem-based learning, design thinking, and critical thinking, computational thinking and cross-curricular teaching

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- Experience with coding and digital literacy
 - Familiarity with digital tools, for example:
LEGO Mindstorms, Ozobots, Micro:bit, Dash and Dot, Arduino, Sphero, Raspberry Pi, Makey Makey
 - Familiarity with coding languages, for example:
Python, Scratch, Processing, HTML, Javascript, MakeCode
- Professional experience in developing and implementing successful education programs and resources
- Experience developing and delivering professional enrichment for teachers would be a valued asset
- Proven ability to work with learners of various ages and ability levels, particularly adults and youth
- Excellent organizational, time-management and team work skills
- Must have a valid unrestricted driver's license with clean driving record (candidate will be asked to provide current driver's abstract for examination and approval), and be willing to travel throughout BC by driving and by air
- Flexible work schedule is required with periodic weekend, evening work, overnight and multi-day travel required

- All offers are subject to satisfactory completion of reference and police criminal record checks -

Please apply by **July 29, 2019** via the Science World careers portal: <http://scienceworld.ca/jobs>

Please upload a cover letter and a copy of your resume as a part of your application

** We would like to thank all candidates. However, only those selected for an interview will be contacted.*

*Interviews will commence on an on-going basis throughout the posting period **