

# JOB OPPORTUNITY



(Full-Time Contract, Two Openings)

**Position:** Tech Up Learning Specialist

**Reports to:** Tech Up Project Manager

*Posted: March 9, 2018*

Science World British Columbia 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.

## What is exciting about this opportunity?

Well known for being playful and engaging, Science World British Columbia makes science learning approachable and captivating through interactive science and tech-based outreach programs, workshops and after-school programming. For teachers, Tech Up will involve the development of new digital skills, and provide barrier-free hands-on professional development experiences for educators. For students, Tech Up will involve the development of new content to deliver coding and computational thinking activities into well-established educational programs including *Scientists and Innovators in the Schools*, *Super Science Club*, library kits and community Tech Up showcase events.

## Position Description:

Working alongside the Community Engagement team and with the Tech Up project team, the Tech Up Learning Specialists will play both lead and supporting roles in development, implementation, documentation and evaluation of Tech Up programs designed to support teachers and students in underserved locations in BC: indigenous communities, inner-city schools and those living in rural or remote communities. The Tech Up Learning Specialists will plan and deliver teacher professional enrichment workshops across BC, develop educator materials and liaise with regional and provincial science education related organizations at programs and events, including two 3-day teacher summer professional learning camps. The Tech Up Learning Specialists will develop, pilot, and deliver workshops at TELUS World of Science as part of our field trip program.

## Contract Periods:

Please note there are two contract opportunities available, one expected to start in early April 2018 and the other has an expected start date of July 2018. Both contracts are full-time and will work through to June 2019.

## 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 working on multiple projects simultaneously. You enjoy tinkering with innovative technology, and thrive on integrating current pedagogy with hands-on activities. You are creative and enthusiastic with experience and passion for both formal and informal education. You are a life-long learner who believes in the importance of professional development throughout your career.

## 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, including inquiry and problem-based learning, critical thinking and cross-curricular teaching
- Experience with coding, digital literacy and computational thinking
- Excellent organizational, time-management and team work skills
- Professional experience in developing and implementing successful education programs and resources
- Experience facilitating stakeholder engagement and developing professional enrichment for teachers would be an asset
- Must have a valid unrestricted driver's license with clean driving record (successful candidates will be asked to provide current driver's abstract for examination and approval), and willing to travel throughout BC by vehicle and by air

- Flexible work schedule is required with periodic weekend, evening work, overnight and multi-day travel required

## What's the typical background we are looking for?

- Experience with one or more:
  - LEGO Mindstorms
  - Ozobots
  - Micro:bit
  - Dash and Dot
  - Arduino
  - Sphero
  - Makey Makey
  - Raspberry Pi
- Familiar with one or more of the following languages:
  - Python
  - Scratch
  - Processing
  - HTML
  - Javascript
- Mix of informal and formal teaching background (i.e camp, after-school club, K-9 classroom)

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

Please apply by **Friday, March 23, 2018** via the Science World careers portal: <http://scienceworld.ca/jobs>

*\* 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. \**