Position: Virtual Youth STEM Instructor  
Number of Positions Available: 3  
Job Location: University of Victoria, Victoria BC  
Term: September 14th to December 11th, 2020  
Salary: $2,427/month (plus 4% Vacation Pay) | 35 hours/week  
Contact: David Jackson (svprograms@uvic.ca or 250-721-8158)  
Deadline: Friday August 17th, 2020

Description

Science Venture instructors are a team of dynamic, passionate and engaging leaders who are committed to delivering hands-on science, technology, and engineering programs for youth. Our team strives to provide high-quality high-impact programs to youth in our community, so they can build confidence and be successful in their future. As a Youth STEM Instructor, your job will be to educate and inspire these young minds, to provide them with a positive outlook on the world of STEM, and to serve as a resource to other educators. Through the changes brought on by COVID-19, Science Venture has transitioned to online programming. Since March we have piloted new programs, formats, and interfaces and we feel we are fully able to deliver meaningful hands-on STEM experiences in a virtual setting. We have an exciting fall planned filled with virtual workshops and programs.

This work term at Science Venture will have four main components:

Training (As required starting in September)
Participating in training sessions. All instructors will receive training in online engagement, behavior management, safety, diversity, and best practices.

Virtual Program Development (Ongoing)
Content creation based on BC curriculum. Creating innovative & new curriculum for various STEM themed virtual clubs & STEM at home activities. Script writing and filming (where necessary). Formatting and branding all materials (where applicable).

Virtual STEM Events, Clubs, & In-School Workshops (October - December)
Going “live” during sessions of virtual clubs and workshops Co-delivering:
- pre-designed in-school Coding-themed workshops (Grades 6 – 12)
- STEM Homework clubs for grades 4 to 12
- Themed STEM Clubs: Previous topics included All-Girls Coding Clubs, Kerbal Space Program, Engineering Energy, Science and Medicine, and many more…
- Indigenous STEM programming to Vancouver Island Nations
- Scouting and Guiding programming
- Teacher professional development workshops

Providing feedback, answering questions and providing extensions for participants

Debrief, Reporting, Clean Up (December)
Debriefing post program delivery, ensuring statistics are collected. Update lesson plans based on community feedback. Organize and inventory delivery materials.
Location
Following the guidelines provided by the provincial health authorities, Science Venture will act in accordance with the directive from the University of Victoria based on remote working policies. Updates will be provided as they are available. You can expect that we will be working remotely in the early-Fall. Whereas our focus will be to provide primarily virtual programming, if – following the guidelines of BC CDC and UVIC – allows us to begin the phasing in of in-person programming we may begin to pursue this option.

Current Science Venture remote working guidelines:
- Virtual morning meetings at 9 am.
- Materials and technology may be signed out from SV HQ upon approval from Office Team
  - The use of Science Venture equipment is highly recommended
- Access to SV HQ is limited and approval from the Office Team must be obtained prior to entry to ensure physical distancing guidelines and safety standards are adhered to
- Virtual check-ins with coordinators as requested
- Communication platforms: UVIC’s Zoom, G-Suite
- Organization platform: Asana
  - Utilized by all staff members for task breakdown and organization of work flow

Qualifications

Applicants must:
- Be pursuing or recently completed a University degree (Science, Engineering, or Education preferred)
- Pass a Criminal background check when hired
- Complete First Aid training with CPR C

Assets:
- A Valid Class 5 BC License with no restrictions (i.e. no “L” or “N”)
- Experience in Filming or Video Editing
- Conversational French

Key Competencies
- A passion and interest in education, science, technology, and math
- Experience working/volunteering with youth in a camp or educational setting
- Ability to act as a role model to youth and work in a team environment
- Openness to learning and feedback
- Ability to be focused, resourceful, flexible and adaptable to a fast-paced work environment

Questions
David Jackson, Acting Director, Science Venture
Email: svprograms@uvic.ca
Phone: 250.721.8158