Position: Youth STEM Instructor (Clubs)
Number of Positions Available: 18
Job Location: University of Victoria, Victoria BC
Term: Fall 2023 (September – December) | Winter 2024 (January – April)
Salary: Part Time Hourly ($20.00 + 4% in lieu of vacation pay)
Contact: Krystyn Dubicki (svprograms@uvic.ca)
Deadline: Applications will be accepted until all positions are filled.

Description
Science Venture provides high-quality, high-impact STEM outreach initiatives to make STEM accessible to all youth! Science Venture instructors are passionate and engaging leaders who deliver the hands-on science, technology, and engineering programs. Science Venture clubs are extra-curricular opportunities for youth to explore STEM applications, make friends with similar interests, and find positive role models. Each semester, the club offerings change to provide local youth with a variety of entry points into STEM. The upcoming clubs for Fall 2023 are:

- EcoSTEM (Grades 1-3): ecology, biology, earth, ocean and climate science
- BIPOC Gaming & Coding Club (Grades 4-6)
- STEAM Studio: Textile Chemistry (Grades 7-10)
- FriYAY: Computer Science for Girls** (Grades 3-12)
- Robotics Club (Grades 4-6)
- STEMGirls ** (Grades 4-7)
- Sport Science with Vikes Athletics

** Science Venture takes an inclusive approach to the phase “All-Girls”, and invites all youth who identify as female, non-binary, two-spirit, genderqueer or trans to participate in these programs.

Duties
1. Before Clubs Begin
   - Attend training and seek resources about lesson planning, class management strategies, and importance of diversifying STEM
   - Develop a club schedule for the entire club session
   - Collaborate with instructor partner to create and submit lesson plans for clubs sessions
2. Before Club Days
   - Collaborate with instructor partner to review upcoming session plan and prepare materials
   - Collaborate with instructor partner to write subsequent lesson plan, get accessibility and challenge approval from coordinator
   - Submit materials request for the subsequent session to the registrar
3. On Club Days
   - Set up clubs space with all materials and décor
   - Welcome club participants
   - Facilitate hands-on activities for youth, communicate need for additional support to coordinator
   - Sign out youth and communicate successes to caregiver
Locations
Science Venture instructors prepare and plan for all outreach and clubs in the MakerSpace, located in the basement of the MacLaurin D-wing. Clubs take place on campus in a variety of computer labs and classrooms.

Eligibility Criteria
 Applicant Must:
• Be pursuing or have recently completed a university degree
  o Based on current programming demands, preference goes to students with backgrounds in: all engineering fields, computer science, biology, chemistry, kinesiology, and education
• Pass a Vulnerable Sector Criminal Record Check (conducted by Science Venture)
• Have or be willing to complete First Aid training with CPR-C
• Have a passion for STEM and/or education
• Be able to work independently on on-going projects and demonstrate problem-solving skills
• Be able to communicate problems in a timely and appropriate manner

Assets:
• Hobbies that incorporate aspects of STEM (ex. 3D printing, LEGO, model rockets)
• Lived experience as, or working with, demographics historically excluded from STEM
• Previous experience with youth in recreational or educational settings
• Demonstrated ability to modify concepts to age-appropriate levels
• Comfort presenting in front of groups
• Able to divide workload and communicate priorities
• Experience creating or maintaining written resources and reference materials

Application Procedure
Please submit complete application packages to svprograms@uvic.ca

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Questions
Krystyn Dubicki, Manager of Programs, Science Venture
Email: svprograms@uvic.ca | Phone: 250-721-8158