

2024/2025 WORK STUDY PROGRAM

JOB POSTING

JOB TITLE: ENGN 1 - STEM Curriculum Development Specialist

DEPARTMENT NAME: Science Venture

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JOB DESCRIPTION:

Science Venture – the University of Victoria’s S.T.E.M. (Science, Technology, Engineering and Math) youth outreach program - is seeking a creative and innovative person to join our team as a STEM Curriculum Development Specialist. This position is ideal for someone who is passionate about education and teaching, has creative ideas, and is interested in developing new S.T.E.M. workshops for youth in Grades K-8. The successful candidate will help us overhaul our school workshop deliverables to design and implement new hands-on engaging S.T.E.M. workshops and activities that align with the BC Curriculum, providing unique learning experiences for youth on Vancouver Island.

Key responsibilities:

- Develop new & innovative S.T.E.M. workshops for youth in Grades K-8. These workshops must:
 - Align with the BC Science and ADST curricula for each grade
 - Incorporate First Peoples Principles of Learning into newly developed content
 - Focus on provide hands-on and inquiry-based learning experiences to discover S.T.E.M. concepts in a fun and accessible way
 - Provide S.T.E.M. experiences that teachers would find difficult to do themselves (e.g. access to dry ice/liquid nitrogen, custom 3D-printed materials)
 - Ensure workshops and inclusive and accessible for all learners
 - Inspire and motivate youth to discover future areas of study or careers in STEM
- Develop the lesson plans, materials & consumables lists, curricular connections and accessibility modifications for each new workshop
- Pilot and evaluate new workshops: test and refine workshops with pilot sessions with other science educators, or test classrooms
- Collaborate with existing Science Venture Staff on how to deliver these new workshops
- Content creation for other deliverables such as: Community Events (Science Shows, Family Festivals, Faculty Events), Summer Camps

APPLICANTS MUST BE ELIGIBLE TO PARTICIPATE IN THE WORK STUDY PROGRAM
For details go to: <http://www.uvic.ca/registrar/safa/work-study/index.php>

