



Society Promoting Environmental Conservation
Practical solutions for sustainable cities

Climate Change and Renewable Energy Workshop Facilitator

Job Title:	Climate Change and Renewable Energy Workshop Facilitator
Hours per month:	Approximately 24 hours/month.
Pay per hour:	\$25 + mileage to travel to schools
Contract Duration:	October 1 2019 – June 30 2020. Possibility of more hours or extension dependent on funding
Work Location:	1) Schools in Metro Vancouver region, with a majority in the City of Vancouver, 2) SPEC office. Doing some work from home is a possibility.

Background

SPEC empowers local communities in the Lower Mainland to build a greener future through interactive programs and activities. We are a non-profit, charitable and volunteer-driven organization, founded in 1969, and the oldest environmental non-profit in Canada. Areas of work include food security, zero waste, renewable energy and protection of local land and water resources. Learn more at www.spec.bc.ca.

SPEC Climate Change and Renewable Energy Workshops for Schools

The program, now in its fifth year, is led by SPEC's Energy & Transportation Committee. It aims to educate students about the science behind climate change, and the role of renewable energy sources in reducing carbon emissions. Learning happens through presentations as well as hands-on activities, including experiments to model solar, wind, hydro and wave power. In addition to the in-class workshops, the program also offers field trips to visit SPEC's Solar Panel installation in Vancouver.

Job Tasks:

- Deliver approximately 50 engaging, activity-based, workshops to students in grades 6 to 9
- Contact teachers to schedule workshops. This includes working with our current list/network and also building on it to expand the program delivery area
- Liaise with teachers to ensure the material is appropriate to the age and curriculum
- Research and develop relevant and meaningful learning materials
- Review current curriculum and update as necessary as well as develop new components to increase depth and impact of the program
- Report back to the SPEC Energy & Transportation committee on a monthly basis
- Collect and manage program data (school contacts, program schedules, program evaluation)
- Lead off-site tours of solar panels as necessary

SPEC

2305 West 7th Ave, Vancouver, BC, V6K 1Y4 – 604-736-7732 | admin@spec.bc.ca | www.spec.bc.ca



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Qualifications:

- Self-starting, outgoing, energetic
- Passion for change-making through education and a deep connection to environmental stewardship
- Background or knowledge/experience in climate change (causes, processes, impacts, mitigation/adaptation) and renewable energy
- Experience delivering environmental/science education in classroom environments
- Comfortable presenting to a variety of age groups (primarily grades 6-9)
- Flexible schedule to accommodate workshops during school hours
- Strong time management and organization skills, with attention to detail
- Ability to adapt workshop content for different age groups
- Excellent communication skills (oral and written)
- Experience working with students of diverse backgrounds, learning styles and language abilities
- Access to a vehicle to transport the renewable energy models. SPEC can provide a bike trailer.
- Able to use Microsoft Office and Google Suite, and familiar with the use of in-classroom technology such as smart screens.

Please forward your resume and cover letter quoting **“Climate Change Workshop Facilitator”** in the **subject line by September 15, 2019** to admin@spec.bc.ca

We value diversity and inclusion and encourage all qualified candidates to apply.

We thank all applicants for their interest in this position, however only those for further consideration will be contacted.

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