

To Whom It May Concern,

The School of Environment and Sustainability at Royal Roads University (RRU) have implemented a Youth Science Outreach Program to expose children to the concept of science both in a laboratory and outdoor setting. This innovative program is designed to teach children in kindergarten to grade seven the importance of science, our dependence on it, its interrelatedness to everything around us and how it can affect our day to day activities.

The program which is coordinated by the Faculty at the School of Environment and Sustainability involves student volunteers from the Bachelor of Science program. The program is usually organized annually around the beginning of the year. Volunteers are responsible for directing about 4 children at once and basic but fun lab experiments are taught to the kids. Examples of such experiments can be making slime, identifying mystery powders, making yogurt, etc. The students are later on taken outside to experience nature such as observation of different trees and their identification or digging soil pits. Implementation of this program not only appropriately influences future scientists of tomorrow, it also help develop the teaching and supervisory skills of the staff and volunteers involved.

The Youth Science Outreach Program encourages participation from children of all ages to allow them to benefit from the ever rewarding things science has to offer; it also helps to spark the interests of those students interested in becoming future scientists and environmentally and sustainable professionals. This program provides a critical science learning opportunity for approximately 200 elementary and middle school students annually.

I, Mickie Noble, affirm that this information is correct and is applicable for this STARS innovation credit.

Signature: M. A. Noble Date: Aug 6/13

Mickie Noble  
Assistant Professor, School of Environment & Sustainability.