

SCIENTIST
IN RESIDENCE
*Program*TM



Vancouver
School District

Teacher Team Application Form

To apply to the program, please fill out this application form, and return it as an email attachment to info@scientistinresidence.ca. Thank you!

Updated February 2016

www.scientistinresidence.ca |
info@scientistinresidence.ca



SCIENTIST IN RESIDENCE PROGRAM™

helping children and teachers discover
the world through hands-on science

Teacher Team Application Form

Hello,

Thank you for applying to the Scientist in Residence Program!

Each application requires two teachers from the same school, ideally teaching the same grade or closely related grades, who will work in partnership with a scientist. This program is only offered to K-7 teachers in the Vancouver School District.

Point form answers are fine!

Feel free to contact us with any questions.

Thank you,
Lisa and Kathy
Info@scientistinresidence.ca

Date:

School Name:

School Phone #:

School Address:

Principal:

Teacher 1 (primary contact):

Grade(s):

Part-time or Full-time:

E-mail address:

Teacher 2:

Grade(s):

Part-time or Full-time:

E-mail address:



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1. We need some help from the teachers who participate in our program. Please read the following, discuss with your principal and partner teacher, and decide if you can commit to:

- Attending an orientation session in October.
- Attending planning meetings with your partner teacher and scientist, scheduled throughout the year, as required.
- Replying to emails in a timely manner (as few as possible, we promise!)
- Co-delivering all SRP lessons and field trips with the scientist.
- Reviewing the lesson plan write-ups for our website (written by the scientist) and providing your feedback.
- Possibly hosting a donor in your classroom, when and if it works for you and your students.
- Completing a detailed evaluation and submitting it before May 31st. (We also appreciate receiving feedback and artwork from the students.)
- Finally, your school may initially need to pay the \$1000 for the program supplies and field trip costs. The school then completes an expense form (including all receipts), and submits the form by the end of May. Your school is fully reimbursed by the end of June.

Given the commitments required, is the SRP a good fit for you and your school next year? Yes No

2. Please tell us why you would like to participate in the Scientist in Residence Program.

3. What resources would help you create your dream science unit?

4. Describe your current area(s) of interest in science teaching and your level of experience with teaching science. (We love to have a range of both!)



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5. What do you hope your students will gain from having a scientist in the classroom?

6. We value the synergy created when our two professions work together. What do you enjoy about collaborating?
What do you find challenging?

7. Please add any additional information that you think we should know.

8. If you are selected for the program, we would like to share this application information with your partner scientist. Is that OK? Yes No



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9. Please list the science themes that you are interested in. Reference the list below or add your own ideas.
(Science units will have one or two overarching themes.)

Science Topics

Biology

Basic needs of plants and animals
Adaptation
Life cycles
Biodiversity and ecosystems
Interdependence
Organ systems
Theory of Evolution

Chemistry

Materials
Material properties and their function
Changing materials
Atoms and molecules
Solutions
Chemical changes
Elements and compounds

Physics

Motion
Light and sound
Forces
Energy
Devices that transform energy
Simple machines
Newton's laws
Gravity
Electricity and magnetism

Earth and Space

Change
Patterns in the sky and landscape
Water
Shape of the land
Motion of the Earth, sun and Moon
Biomes
Earth materials
Sustainable practices
The solar system, galaxy and universe
Extreme environments
Fossil record
Climate change

Competencies

Exploring and observing
Questioning and predicting
Planning and conducting
Processing and analyzing data and information
Applying and innovating
Communicating