



Volunteer Registration Form

Thank you for agreeing to volunteer for Edmonton Science Outreach Network. Your help is invaluable to the work that we do. If you have any questions do not hesitate to get in touch with ESON. Volunteers will be offered help with presentations and support along the way. Please return your **signed** and completed forms to ESON by mail, fax or scan the pages and email (contact info at bottom of page).

Salutation: _____ First name: _____ Last name: _____

Address: _____

City: _____ Postal code: _____ E-mail: _____

Home Phone: _____ Cell: _____ Work: _____

Occupation/employer: _____ Languages spoken: _____

Professional Memberships: _____

Which volunteer services are you willing to offer?

- Classroom Presentations. Resource Person for teachers Resource Development
- Science Fair Judge School Career Days Marketing and Promotions
- Community Outreach Field Trip Leader Serving on the ESON Board

Which grade levels are you willing to work with?

- Kindergarten 1-3 4-6 7-9 10-12 Teachers/adults Any

Which size group would you be willing to work with? (Most requests are for 1 class at a time)

- Any size One class at a time Multiple classes Auditorium

What is your availability? (Most visits are during the school day)

- Business hours Evenings Weekends

Are you willing to travel outside of city? Yes No

Sponsors - please have two sponsors sign (professional colleagues, employer etc.)

Volunteers are working with young people and therefore must be ethical and responsible individuals. Please sign below to indicate that you have read this completed application and to the best of your knowledge the information is true and complete. Your signature indicates that you know this individual's character well enough to recommend this person as a classroom volunteer.

Sponsor name: _____ Employer/position: _____

Address: _____ Phone: _____

Affiliation to volunteer: _____ Known Applicant ___ Yrs.

Signature: _____

Sponsor name: _____ Employer/position: _____

Address: _____ Phone: _____

Affiliation to volunteer: _____ Known Applicant ___ Yrs.

Signature: _____

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Note that in participating in the activities of ESON you will be acting independently and not as the servant, employee or agent of ESON. As a volunteer you are expected to behave in an ethical manner while taking part in activities of ESON. You must also ensure that the teacher remains with the class during your entire scheduled activity.

Name of Applicant: _____

Signature: _____

Date: _____

Topics for Presentations

Please check any of the topics in grades 1-12 that you would be willing to present. For detailed information on each topic, please visit the Alberta Education website: www.education.alberta.ca/teachers/program/science.aspx

Grades 1-9:

Grade	Unit A	Unit B	Unit C	Unit D	Unit E
Grade 1	<input type="checkbox"/> Creating Color	<input type="checkbox"/> Seasonal Changes	<input type="checkbox"/> Building Things	<input type="checkbox"/> Senses	<input type="checkbox"/> Needs of Animals & Plants
Grade 2	<input type="checkbox"/> Exploring Liquids	<input type="checkbox"/> Buoyancy and Boats	<input type="checkbox"/> Magnetism	<input type="checkbox"/> Hot & Cold Temperature	<input type="checkbox"/> Small Crawling and Flying Animals
Grade 3	<input type="checkbox"/> Rocks and Minerals	<input type="checkbox"/> Building with a Variety of Materials	<input type="checkbox"/> Testing Materials and Design	<input type="checkbox"/> Hearing and Sound	<input type="checkbox"/> Animal Life Cycles
Grade 4	<input type="checkbox"/> Waste and Our World	<input type="checkbox"/> Wheels and Levers	<input type="checkbox"/> Building Devices & Vehicles that Move	<input type="checkbox"/> Light and Shadows	<input type="checkbox"/> Plant Growth and Changes
Grade 5	<input type="checkbox"/> Electricity and Magnetism	<input type="checkbox"/> Mechanisms Using Electricity	<input type="checkbox"/> Classroom Chemistry	<input type="checkbox"/> Weather Watch	<input type="checkbox"/> Wetland Ecosystems
Grade 6	<input type="checkbox"/> Air and Aerodynamics	<input type="checkbox"/> Flight	<input type="checkbox"/> Sky Science	<input type="checkbox"/> Evidence and Investigation	<input type="checkbox"/> Trees and Forests
Grade 7	<input type="checkbox"/> Interactions and Ecosystems	<input type="checkbox"/> Plants for Food and Fiber	<input type="checkbox"/> Heat and Structure	<input type="checkbox"/> Structures and Forces	<input type="checkbox"/> Planet Earth
Grade 8	<input type="checkbox"/> Mix and Flow of Matter	<input type="checkbox"/> Cells and Systems	<input type="checkbox"/> Light and Optical Systems	<input type="checkbox"/> Mechanical Systems	<input type="checkbox"/> Fresh Water and Salt Water Systems
Grade 9	<input type="checkbox"/> Biological Diversity	<input type="checkbox"/> Matter and Chemical Change	<input type="checkbox"/> Environmental Chemistry	<input type="checkbox"/> Electrical Principles and Technologies	<input type="checkbox"/> Space Exploration

Grades 10-12:

Course	Unit A	Unit B	Unit C	Unit D
Science 14	<input type="checkbox"/> Investigating Properties of matter	<input type="checkbox"/> Understanding Energy Transfer Technologies	<input type="checkbox"/> Investigating Matter and Energy in Living Systems	<input type="checkbox"/> Investigating Matter and Energy in the Environment
Science 24	<input type="checkbox"/> Applications of Matter and Chemical Change	<input type="checkbox"/> Understanding Common Energy Conversion Systems	<input type="checkbox"/> Disease Defence and Human Health	<input type="checkbox"/> Motion, Change and Transportation Safety
Science 10	<input type="checkbox"/> Energy and Matter in Chemical Change	<input type="checkbox"/> Energy Flow in Technological Systems	<input type="checkbox"/> Cycling Matter in Living Systems	<input type="checkbox"/> Energy Flow in Global Systems
Science 20	<input type="checkbox"/> Chemical Changes	<input type="checkbox"/> Changes in Motion	<input type="checkbox"/> The Changing Earth	<input type="checkbox"/> Changes in Living Systems
Science 30	<input type="checkbox"/> Living Systems Respond to their Environment	<input type="checkbox"/> Chemistry and the Environment	<input type="checkbox"/> Electromagnetic Energy	<input type="checkbox"/> Energy and the Environment
Biology 20	<input type="checkbox"/> Energy and Matter Exchange in the Biosphere	<input type="checkbox"/> Ecosystems and Population Change	<input type="checkbox"/> Photosynthesis and Cellular Respiration	<input type="checkbox"/> Human Systems
Biology 30	<input type="checkbox"/> Nervous and Endocrine Systems	<input type="checkbox"/> Reproduction and Development	<input type="checkbox"/> Cell Division, Genetics and Molecular Biology	<input type="checkbox"/> Population and Community Dynamics
Chemistry 20	<input type="checkbox"/> The Diversity of Matter and Chemical Bonding	<input type="checkbox"/> Forms of Matter: Gases	<input type="checkbox"/> Matter as Solutions, Acids and Bases	<input type="checkbox"/> Quantitative Relationships in Chemical Changes
Chemistry 30	<input type="checkbox"/> Thermochemical Changes	<input type="checkbox"/> Electrochemical Changes	<input type="checkbox"/> Chemical Changes of Organic Compounds	<input type="checkbox"/> Chemical Equilibrium with Focus on Acid-Base Systems
Physics 20	<input type="checkbox"/> Kinematics	<input type="checkbox"/> Dynamics	<input type="checkbox"/> Circular Motion, Work and Energy	<input type="checkbox"/> Oscillatory Motion and Mechanical Waves
Physics 30	<input type="checkbox"/> Momentum and Impulse	<input type="checkbox"/> Forces and Fields	<input type="checkbox"/> Electromagnetic Radiation	<input type="checkbox"/> Atomic Physics