



# Volunteer Registration Form

Please fill in the attached science curriculum sheet.

NAME:  
POSITION:  
EMPLOYER:  
WORK ADDRESS:  
CITY/POSTAL CODE:

HOME ADDRESS:  
CITY/POSTAL CODE:

Mail will be sent to your work address unless otherwise specified.

PHONE (W) (FAX)  
(H) (CELL) E-MAIL:

## AREA OF EXPERTISE OR PRESENTATION TOPICS

(for detailed information, refer to [http://www.learning.gov.ab.ca/k\\_12/curriculum/bySubject/science/default.asp](http://www.learning.gov.ab.ca/k_12/curriculum/bySubject/science/default.asp)):

## EXPERIENCE WITH STUDENTS & AREAS OF INTEREST/HOBBIES WITH A SCIENTIFIC "TWIST"

(such as "Scuba & pressure," "Women & Girls in Science", or "Model Airplanes"):

## WHICH VOLUNTEER SERVICES ARE YOU WILLING TO OFFER? (Check any or all.)

- |  |  |   |
|--|--|---|
| <input type="checkbox"/> Classroom speaker & demonstrator                                  | <input type="checkbox"/> Information resource for teachers, answer technical questions | <input type="checkbox"/> Job shadowing by student at your work                                  |
| <input type="checkbox"/> Field trip leader for classes or teacher groups                   | <input type="checkbox"/> School career days, science activity days                     | <input type="checkbox"/> Community outreach: library programs, Beavers, Operation Minerva, etc. |
| <input type="checkbox"/> Science fair judge for individual schools & regional competitions |  | <input type="checkbox"/> ESON help: booths, mailings, etc.                                      |

## WHICH GRADE LEVELS ARE YOU WILLING TO WORK WITH?

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

## WHICH SIZE OF GROUP WOULD YOU BE WILLING TO WORK?

(Most requests are for one class at a time)

- Any size       One class at a time ~25       Multiple classes ~ 50-100       Auditorium

## AVAILABILITY (Most visits are during school hours.)

- Business hours       Evenings       Weekends

## HOW MANY CLASSROOM VISITS WOULD YOU LIKE TO DO PER YEAR?

- Monthly       Bi-monthly       Other:       Depends on schedule

## WOULD YOU CONSIDER VISITING SCHOOLS OUTSIDE THE EDMONTON REGION?

- 50-100 km       Over 100 km       Anywhere

DEGREE/DIPLOMA

SPECIALIZATION

UNIVERSITY/COLLEGE

YR. OF GRAD.

1.

2.

3.

PROFESSIONAL MEMBERSHIPS:

**Volunteer,**

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.

Signature: \_\_\_\_\_

Date: \_\_\_\_\_

**Please have two sponsors sign (professional colleagues, employer, etc.)**

**Sponsors,**

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: \_\_\_\_\_

Address: \_\_\_\_\_

Employer/Position: \_\_\_\_\_

Known Applicant? \_\_\_ Yrs.

Affiliation to Volunteer: \_\_\_\_\_

Signature: \_\_\_\_\_

Phone: \_\_\_\_\_

Sponsor: \_\_\_\_\_

Address: \_\_\_\_\_

Employer/Position: \_\_\_\_\_

Known Applicant? \_\_\_ Yrs.

Affiliation to Volunteer: \_\_\_\_\_

Signature: \_\_\_\_\_

Phone: \_\_\_\_\_

**QUESTIONS?** Contact Elizabeth by phone, fax or email as shown below.

Volunteers will be offered presentation skills training, stressing hands-on learning. As school policies may not cover visitors, volunteers should have their own insurance (auto, health)

Please return your **signed** and completed forms (3 pages) to the Edmonton Science Outreach Network by mail, fax or scan the pages and email them.

<p>For office use only:</p> <p>Orientation <input type="checkbox"/></p> <p>Name tag <input type="checkbox"/></p>
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<p><b>Contact ESON</b></p> <p>Phone: 448-0055, Fax: 453-2711, Email: <a href="mailto:esons@telus.net">esons@telus.net</a></p> <p>Elizabeth Dokken, Edmonton Science Outreach Network Program Coordinator</p> <p>c/o St. Mark School 11625 – 135 St. Edmonton, AB T5M 1L1</p>
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# Units in Alberta Science Curriculum – Grades 1 – 12

Grade	Unit A	Unit B	Unit C	Unit D	Unit E
Grade 1	Creating Colour	Seasonal Changes	Building Things	Senses	Needs of plants and animals
Grade 2	Exploring Liquids	Buoyancy and Boats	Magnetism	Hot and Cold temperatures	Small Crawling and Flying Animals
Grade 3	Rocks and Minerals	Building with a Variety of Materials	Testing Materials and Designs	Hearing and Sound	Animal Life Cycles
Grade 4	Waste and Our World	Wheels and Levers	Building Devices and Vehicles that Move	Light and Shadows	Plant Growth and Changes
Grade 5	Electricity and Magnetism	Mechanisms Using Electricity	Classroom Chemistry	Weather Watch	Wetland Ecosystems
Grade 6	Air and Aerodynamics	Flight	Sky Science	Evidence and Investigation	Trees and Forest
Grade 7	Interactions and Ecosystems	Plants for Food and Fibre	Heat and Temperature	Structure and Forces	Planet Earth
Grade 8	Mix and Flow of Matter	Cells and Systems	Light and Optical Systems	Mechanical Systems	Freshwater and Saltwater Systems
Grade 9	Biological Diversity	Matter and Chemical Change	Environmental Chemistry	Electrical Principles and Technologies	Space Exploration
Science 14	Investigating Properties of Matter	Understanding Energy Transfer Technologies	Investigating Matter and Energy in Living Systems	Investigating Matter and Energy in the Environment	<p><b>Volunteer Name:</b></p> <p>-----</p> <p><b>Please check the boxes next to the units about which you could give presentations.</b></p>
Science 24	Applications of Matter and Chemical Change	Understanding Common Energy Conversion Systems	Disease Defence and Human Health	Motion, Change and Transportation Safety	
Science 10	Energy and Matter in Chemical Change	Energy Flow in Technological Systems	Flow of Matter in Living Systems	Energy Flow in Global Systems	
Science 20	The Changing Earth	Changes in Living Systems	Chemical Changes	Changes in Motion	
Science 30	Living Systems Respond to their Environment	Chemistry and the Environment	Electromagnetic Energy	Energy and the Environment	
Biology 20	The Biosphere	Energy Flows and Cellular Matter	Energy and Matter Exchange in Ecosystems	Energy and Matter Exchange by the Human Organism	
Biology 30	Systems Regulating Change in Human Organisms	Reproduction and Development	Cells, Chromosomes and DNA	Change in Populations and Communities	
Chemistry 20	Matter as Solutions, Acids, Bases and Gases	Quantitative Relationships in Chemical Changes	Chemical Bonding in Matter	The Diversity of Matter: An Introduction to Organic Chemistry	
Chemistry 30	Thermochemical Changes	Electrochemical Changes	Equilibrium, Acids and Bases in Chemical Changes		
Physics 20	Kinematics and Dynamics	Circular Motion and Gravitation	Mechanical Waves	Light	



## **ESON's Policy on the Protection of Personal Information**

Edmonton Science Outreach Network (ESON) respects your privacy. We protect your personal information and adhere to all legislative requirements of Alberta's Personal Information Protection Act. We do not rent, sell or trade our mailing lists. The information you provide will be used to deliver services and to keep you informed about the activities of ESON, including programs, services, special events, funding needs, opportunities to volunteer, open houses etc. through periodic contacts. We have collected your personal information for the following purposes:

- To enter your information into our database in order to match your skills with specific volunteer jobs
- To communicate with you regarding volunteering and the Edmonton Science Outreach Network

Any time you wish to view, change or delete your personal information contact us by phone (780) 448-0055 or e-mail at [exc\\_dir@telus.net](mailto:exc_dir@telus.net). It is also possible that we will take photographs of you in your volunteer job. ESON would like to obtain permission to utilize such photos on the website or for other marketing/communication tools. You will be asked for permission to use a photograph for this purpose.