



Please complete pages 1, 2 & 3

Title:		Mailing address:	
Last name:			
First name:		City:	
Employer:		Postal code:	
Position:		Fax:	
Phone (W):		Phone (C):	
Phone (H):		Email:	

AREA(S) OF EXPERTISE OR PRESENTATION TOPICS

(for detailed curriculum information, refer to <http://education.alberta.ca/teachers/program/science/programs.aspx>):

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 all that apply)

- | | | |
|--|--|---|
| <input type="checkbox"/> Scientists & Engineers-in-the-Classroom | <input type="checkbox"/> Science fair judge local/regional/Treaty7 | <input type="checkbox"/> Mentor to new volunteers |
| <input type="checkbox"/> Field trip leader for classes/teachers | <input type="checkbox"/> Career mentor | <input type="checkbox"/> Board member |
| <input type="checkbox"/> Teacher Workshop presenter | <input type="checkbox"/> Answer questions in your subject area | <input type="checkbox"/> Committee member |

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 WITH?

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

AVAILABILITY (Most visits are during school hours)

- Week days Evenings Weekends

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

- Monthly Bi-monthly Depends on schedule Other _____

WOULD YOU CONSIDER VISITING SCHOOLS OUTSIDE THE CALGARY REGION?

- 50-100 km Over 100 km

LANGUAGES SPOKEN FLUENTLY

- English French Spanish Other _____

WOULD YOU LIKE TO BECOME A MEMBER OF THE CALGARY SCIENCE NETWORK SOCIETY?

- Yes No

Membership is free and is open to anyone interested in promoting science knowledge, subject to approval. Members will receive meeting notices, can attend and speak at general meetings, and can vote as outlined in the Bylaws. Go to www.calgarysciencenetwork.ca/ for the online membership form.

PLEASE COMPLETE AND SIGN PAGES 2 & 3...

DEGREE/DIPLOMA

SPECIALIZATION

UNIVERSITY/COLLEGE

YEAR GRADUATED

- 1.
- 2.
- 3.

PROFESSIONAL MEMBERSHIPS:

APEGGA I previously volunteered with APEGGA I consent to Calgary Science Network releasing my information to APEGGA for the purposes of recognition and accreditation.

*This section for **APEGGA** members only*

Other memberships: _____

Volunteer,

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

***This information will be used to establish and manage a volunteer relationship in accordance with CSN's Privacy Policy www.calgarysciencenetwork.ca/PDF/CSN_privacy_policy.pdf.*

Signature: _____ Date: _____

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

References,

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.

Reference 1: _____

Known Applicant: ___ Years

Address: _____

Phone: _____

Employer/Position: _____

Email: _____

Affiliation to Volunteer: _____

Signature: _____

Reference 2: _____

Known Applicant: ___ Years

Address: _____

Phone: _____

Employer/Position: _____

Email: _____

Affiliation to Volunteer: _____

Signature: _____

QUESTIONS? Contact the Volunteer Recruitment Coordinator as shown below.

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

Please return your **signed** and completed form (3 pages) to the Calgary Science Network by mail, fax or scan/email.

For office use only:			
Reference check <input type="checkbox"/>	Orientation <input type="checkbox"/>	Name tag <input type="checkbox"/>	Member CSN <input type="checkbox"/>

Contact CSN

Volunteer Recruitment Coordinator, Calgary Science Network
Ph: 403-771-4510 Fax: 403-719-6401 Email: volunteers@calgarysciencenetwork.ca
Mail: Suite #433 3553 31 Street NW Calgary AB T2L 2K7

02/2012

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>Volunteer Name:</p> <p>-----</p> <p>Please select 4 or 5 topics that you could give presentations on.</p> <p>The majority of requests are for grade 1-6 topics.</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	Cycling of Matter in Living Systems	Energy Flow in Global Systems	
Science 20	Chemical Changes	Changes in Motion	The Changing Earth	Changes in Living Systems	
Science 30	Living Systems Respond to their Environment	Chemistry and the Environment	Electromagnetic Energy	Energy and the Environment	
Biology 20	Energy and Matter Exchange in the Biosphere	Ecosystems and Population Change	Photosynthesis and Cellular Respiration	Human Systems	
Biology 30	Nervous and Endocrine Systems	Reproduction and Development	Cell Division, Genetics and Molecular Biology	Population and Community Dynamics	
Chemistry 20	The Diversity of Matter and Chemical Bonding	Forms of Matter: Gases	Matter as Solutions, Acids and Bases	Quantitative Relationships in Chemical Changes	
Chemistry 30	Thermochemical Changes	Electrochemical Changes	Chemical Changes of Organic Compounds	Chemical Equilibrium Focusing on Acid-Base Systems	
Physics 20	Kinematics	Dynamics	Circular Motion, Work and Energy	Oscillatory Motion and Mechanical Waves	
Physics 30	Momentum and Impulse	Forces and Fields	Electromagnetic Radiation	Atomic Physics	

For more curriculum information go to www.calgarysciencenetwork.ca/curric-resources.htm

