

Congratulations!

The Seventh Generation Club would like to congratulate all of the fantastic students listed below. All of those students achieved 95% or higher school attendance during the 2003/2004 school year, and each one will receive a Seventh Generation Club prize in recognition of that outstanding accomplishment. Go to school regularly, and your name will be listed in our newsletter next year!

Amy Woodland Elementary: Benjamin Ban Quan (99%), Lewis Lum (95%), Ericka Lum (96%), Veronica MacPherson (95%), Krista Miller (97%), John Miller (98%), Jeanna Miller (99%), Christos Paleologopoulos (97%), Stephanie Paul (95%), Sky Peltier (99%), Lance Scott (99%) **Barriere:** Catrina Daniels (95%), Kira Kershaw (96%), George Muleya (96%), Jordan Froste (96%), Savanna Sinclair (97%), Justin Makowichuk (97%), Danielle Kashino (97%), Cody Whitford (97%), Lane Makowichuk (98%), Justin Harris (98%), Bishop LeFevre (98%), Colten Howe (98%), April Cardinal (98%), Robert Munro (98%), Taylor Sinclair (98%), Dawn Eustache (98%), Jacob Grusing (99%), Joel Jensen (100%), Caleb Grusing (100%) **Bernard Elementary:** Chelsea Miller (95%), Nathan Prest (95%), Andrea Michell (95%), Arnold Fullardeau (96%), Taylor Clarke (96%), Marlena Ashton (96%), Geriilee McKay (97%), Caitlyn Fitzsimmons (97%), Rebecca Wultunee (97%), Conrad Cronk (97%), Alexander Cronk (98%), Samantha Peever (98%), Brianne Morfitt (99%), Jared Beger (99%), Coire McKay (100%) **Chalo School:** Darrian Badine (97%), Nicky Badine (100%), Chelsea Behn (96%), Shaylin Behn (100%), Joshua Burke (96%), Eric Capot-Blanc (99%), Melanie Capot-Blanc (96%), Myles Capot-Blanc (97%), Nicole Capot-Blanc (98%), Tony Capot-Blanc (100%), Deidre Dettieh (100%), Jonathan Dettieh (100%), Teleia Dettieh (98%), Mackenzie Drouin (100%), Alaina Duntra (100%), Kendell Gairdner (100%), Skylar Gairdner (97%), Reggie-Ann Harrold (96%), Jordan Huntley (99%), Brittany Kotchea (97%), Devon Kotchea (99%), Brandon Markin (99%), Bryan Markin (97%), Harlan McDiarmid (100%), April Michel (98%), Joeline Michel (100%), Marcus Michel (97%), Natasha Michel (96%), Serena Michel (97%), Teaira Michel (95%), Manuel Ribeiro (97%), Andrea Sheldon (99%), Joey Smith (98%), John Smith (96%), Steve Soucy (97%), Kurtis Thomas (99%), Dustin Whitehead (97%) **East Kensington:** Tony Baykey (100%) **Mission Central Elementary:** Nancy Briggs (95%), Theresa Briggs (96%), Allen Clark (98%), Chelsey Clark (97%), Harman Dan (99%), Josh Dan (96%), Karli Easton (99%), Wylie Easton (97%), Lea Jensen-Desjardins (95%), Samantha Kimber-Forster (98%), Eli Lindgren (98%), Kaylee Lindgren (98%), Kyla McKivstry (96%), Amber Meldrum (97%), Dyllin Moore (98%), Kenna Nelson (98%), Jeremy Peters (96%), Kendra Peters (97%), Victoreen Sam (95%), Veronica Siah (95%), Wes Siah (96%), Alyssa Taylor (98%), Marcus Taylor (96%), Josh Williams (98%), Quentin Williams (99%), Willis Williams (95%) **Gitsegukla:** Marranda Bolton (96%), Andrew Brown (97%), Danielle Brown (97%), Gideon Jr Brown (96%), Dylan Jones (100%), Celeste Nelson (97%), Justin Russell (99%), Elysia Wesley (96%), Hank Williams (100%), Travis Williams (99%) **Gordon Terrace:** Courtney Graham (95%), Sabrina Parenteau (96%), Jenna Dube (97%), Ashley Parenteau (97%), Krystal Anderson (97%), Kayla Dube (98%), Olivia Smallchild (98%), Jordan Joseph (98%), David MacAloney (99%), Julie Stevens (99%) **Gwa'sala-'Nakwaxda'xw:** Fara Anderson (98%), Loni Anderson (100%), Gerald Baker (100%), Thalia Baker (99%), David Brotchie (100%), Zachary Brotchie (99%), Jolene Charlie (99%), Pamela Charlie (100%), Philena Charlie (98%), Darryl Coon (95%), Quinten Coon (97%), Gladys Dawson (100%), Lawrence George (100%), Devan Henderson (96%), Timothy Hunt (96%), Wyler Hunt (97%), Cheyenne Janssen (100%), Katrina Johnny (98%), Jenna Nelson (100%), Aaron Walkus (99%), Billy Walkus (97%), Cassandra Walkus (99%), Cassidy Walkus (99%), Chelsey Walkus (97%), Clyde Walkus (99%), Ernie Walkus (98%), Kristen Walkus (100%), Mandy Walkus (100%), Martin Walkus (100%), Mary-Anne Walkus (100%), Mathew Walkus (97%), Moses Walkus (98%), Patrick Walkus (98%), Stephanie Walkus (98%), Travis Walkus (97%), Violet Walkus (98%), Reginald Wallace (96%), Spruce Wamiss-Nelson (100%), Roberta Williams (98%), Chassidy Willie (100%), Florence Wilson (100%) **HaaHuuPayak School:** Jessica Hamilton (95%), Tiana Tate (95%), Valerie Cartlidge (95%), Peter Lewis (95%), Jake Jones (95%), Cynthia Newman (96%), Chelsey McIntosh (96%), Jordan Cartlidge (96%), Tiffany McCarthy (96%), Erik Dick-Frank (96%), Bret Watts (96%), Nicholas Marshall (96%), Cheyanne Billy (97%), Marcus Thomas (97%) **Katherine Hamilton (97%), Kenny Lucas (97%), Enya Graham-Fred (97%), Celeste McCarthy (98%), Lillian Campbell (98%), Nona Marchand (98%), Ashley Mickey (98%), Aleisha Fred (98%), Lily Charlong (98%), Deion Walts (98%), Austin Thomas (98%), Katelynne Fred (98%), Sara Ann Stewart (98%), Timothy Sutherland (98%), Shane Fraser (98%), Kendra Sport (99%), Herbert Mountain (99%), Slade Charlong (99%), Everett Watson (99%), Maija Watson (99%), Olivia Fred (99%), Richard Webster (99%), Waylon Sport (99%), Evelyn Thomas (99%), Cleon Charlie (99%), Sheldon Williams (100%), Stephanie Marchand (100%), Remington Fiorasco (96%), Keanna Hamilton (96%), Michaela Sabbas (96%), Brittany Willie (96%) **Junior Alternate/Laurie Junior Sec. School:** Raylene Hunt (95%), Savannah Peequaquat (95%), Bradley Wright (95%), Tamara Maracle (96%), Dylan Peltier-Goebel (97%), Patrick Edwards (99%), **Kootenay Orchards:** Kelsey Anderson (96%), Dakota Hills (96%), Jay Hills (97%), Cyndi Slobodian (99%), Alex Slobodian (100%), Brody Spoelder (99%), Ariana Spoelder (99%), Nolan Walls (99%), Erin Walls (100%) **Lake Kathlyn:** Brett Joseph (97%), Brandon Michell (98%), Dylan Mitchell (95%), Sheldon Mitchell (96%), Jessica Naziel (96%) **LA'U, WELNEW Tribal School:** Leroy Bill (98%), Darryl Cassimere (97%), Benjamin George (99%), Rae Deen George (100%), Rebecca Jim (95%), Monique Joe (99%), Kelsey Paul (95%), Jesse Sampson (97%), Mary Sampson (97%), Adam Smith-Harry (98%) **McCloskey Elementary:** Sheldon Aubee (97%), Brandon Aubee (99%), Kristy Long (97%), Randy Long (99%), Eddy Long (99%), Andrew Roa (99%), Katrina Steines-Shopa (97%), Nolan Stubbs (97%) **Merritt Central Elementary:** Casey Abbott (97%), Clint Alexander (97%), Dale Allen (96%), Brandon Andrew (97%), John Antoine (96%), Brittany Brabant (95%), Kyle Briggs (98%), Tyrell Briggs (96%), Rain of Your Face Caprian (100%), Justin Charlie (98%), Cheyanne Charters (96%), Thelma Chillihtzia (98%), Christeena Clarke (97%), Alex Collins (100%), Brendan Colter (99%), Michael Dejarlais (100%), Calvin Dunn (95%), Morgan Fosberry (98%), Sara Frasier-Shuter (97%), Tlell Hack (95%), Shelby Haller (96%), Kennedy Holland (95%), Raleigh Isaac (96%), Jake Lindley (97%), Joshua Mansfield (95%), Natasha Mansfield (97%), Reyanne McDermott (98%), Kishay McKigney (96%), Connie McLeod (99%), Jared McRae (98%), Preston Mort (96%), Jessie Munro (96%), Travis Munro (98%), Trey Peters (97%), Brittany Rabbitt (99%), Megan Rabbitt (95%), Kyle Robichaud (97%), Kyle Sheena (96%), Brian Sherwood (95%), Lizzie Shuter (99%), Caleb Smithers (97%), Cody Spahan (97%), Jackie Spahan (98%), Julia Spahan (98%), Liz Spahan (97%), Natasha Spahan (99%), Tiffany Spahan (99%), Angie Steinhauer (100%), Frank Sterling (97%), Tara Sterling (99%), Kristen Stewart (99%), Ariel Swayze (96%) **Morictown Elementary:** Lashaun Alfred (96%), Justice McKinnon (95%), Megan Mitchell (95%), Chanelle Tom (95%) **Muheim Elementary:** Ethan Carroll (98%), Krysten George (95%), Bradley McKinnon (96%), Montana McKinnon (99%), Tanisha Naziel (96%), Kristen Naziel (96%), Ashley Van Tunen (96%), Warren William (96%), Eric Wilson (96%), Jessica Wilson (99%) **Pinewood:** Crystal Adam (97%), Blake Atwood (96%), Shilo Birdstone (95%), Amber Goupil (97%), Richard Hoeksema (96%), Brittany Johnson (98%), Chance Larson (95%), Joshua Norgard (97%), Jessica Norgard (99%), Brody Pocha (96%), Levi Robertson (96%), Shaylene Vitale (96%), Taran-Lee Whitstone (95%), Kemar Wynter (95%) **Rosie Seymour:** Dae Lyn Billy (96%), Brandon Billy (98%), Sylvia Billy (96%), Kaylee Billy (98%), Kyla Billy (98%), Marlene Billy (98%), Regan Emile (95%), Robert Kalelest (95%), Bradley Sargent (98%) **Seal Cove:** Gage O'Brien (96%), Joshua O'Brien (99%) **Similkameen Elementary/Secondary:** Sage, Alexis (98%), Chevy Prosper (95%), Marissa Squakin (96%), Brandon Suddaby (97%), Lacey Trotter (98%) **T.M. Roberts:** Dallas Faval (97%), Raquel Luke (96%), Shayleigh Rea (95%), Casey Slonowski (96%), Devan Smith (97%), Ryan Smith (97%), Kyle Smith (98%), Kelsey Tull (96%), Sidney Tull (97%) **Tumbler Ridge Elementary:** Tyson Belcourt (97%), Darian Beattie (96%), Celina Cameron (97%), Nikolas Cameron (99%), Tracy Davis (98%), Brittany Friesen (99%), Danielle Friesen (96%), Desirae Friesen (99%), Connor Hunter (95%), Donavin Hunter (96%), Jazlyn Lenart (96%), Christopher Mackay (98%), Nicholas Mackay (97%), Iyasha McCorkell (100%), Allan McEwen (95%), Jewely Ann McEwen (96%), Kayla Mercredi (98%), Kenesha Mercredi (98%), Elliott Reed (98%), Braeden Watt (100%), Joey Watt (100%), Jacob Webb (98%), Michael Webb (97%) **Tumbler Ridge Secondary:** Mitchell Langmuir (97%), Justin McQueen (97%), Bryce Beattie (95%), Devon Raynard (95%), Jenna-Rae Trudeau (95%) **WA Fraser:** Kyle Plourde (100%), Adam Anderson (97%), Jacob Andrews (95%), David Andronek (98%), Izzy Baker (95%), Mariah Bakstad (98%), Michaela Buerge-Warner (98%), Michelle Cooke (98%), Jaeson Czerwinski (96%), Brett Desjarlais (97%), Taylor Harms (96%), Jordan Henault (97%), Alyx Hesketh (98%), Kyle Hesketh (98%), Samantha Hesketh (96%), Jesse Horne (98%), Brandon Jensen (95%), Daniel Jongsma-Burke (97%), Chelsea McKibbin (100%), Gavin Panas (97%), Nicole Roberts (99%), Jessica Woodside (97%) **Windsor Elementary:** James McMillan (99%), Charence Modeste (98%), Jimmy Modeste (99%), Josh Vance (97%) **Xit'olacw Community School:** Kaylon Andrew-Nelson (100%), Roxie Dan (99%), Randi Joe (99%), Dallas Joseph (99%)**

The Seventh Generation Club is created in partnership with:



Indian and Northern
Affairs Canada

Affaires indiennes
et du Nord Canada



THE POWER IS YOURS



HISTORICA



Administration and coordination
is provided by the
First Nations Schools Association



Are You Ready for a Great New School Year?

Wow! Can it really be the beginning of another school year? KG Coyote thinks that is pretty exciting, because it means the Seventh Generation Club is back in action and with plenty of fun ahead.

By now, you should have received your new Seventh Generation Club Daytimer. KG Coyote and the Seventh Generation Club designed those Daytimers just for our Club members, so don't forget to use them throughout the school year. They can help you to keep track of your assignments and make sure you finish all of your homework on time. Your Seventh Generation Club Daytimer also includes some tips for setting goals for the year ahead, which you can use to start the year off right.

One thing you will notice in your Daytimer is some information about setting goals for the year ahead. The Seventh Generation Club really wants all of our members to pay close attention to those suggestions. Thinking about what you want to achieve in the year ahead is really important. It can help to keep you focused and motivated. We know that you can achieve everything you want to do if you just plan for success and try your best, and the Seventh Generation Club plans to be

with you every step of the way.

What can you look forward to in the year ahead? Well, the Vancouver Canucks are back as your Club Captain, which means they will be sending you along words of encouragement throughout the school year. Of course we will also be sending you more newsletters, which will include some fun contests. Make sure you try to enter as many contests as you can, because we have some great prizes for our contest winners.

We'll also be organizing another Seventh Generation Club Sports Day and Science Day this year. In fact, you'll find out more about Science Day in this edition of the newsletter. We really want you to remember how much fun you can have with science, and all of the amazing things you can do with the science skills you learn.

Please keep in touch with us as the school year progresses. We love to hear from you, and we also want to keep sharing your essays and drawings with other Club members.

I'll be back with another newsletter soon.

K.G. Coyote



HIGHLIGHTS:

- Canuck Corner
- Some Quick Safety Tips for the Months Ahead
- The Nook – Yummy Worms
- Science Career Contest
- Career Quiz
- Congratulations!
- Attention All Scientists



The Seventh Generation Club Office is located at:

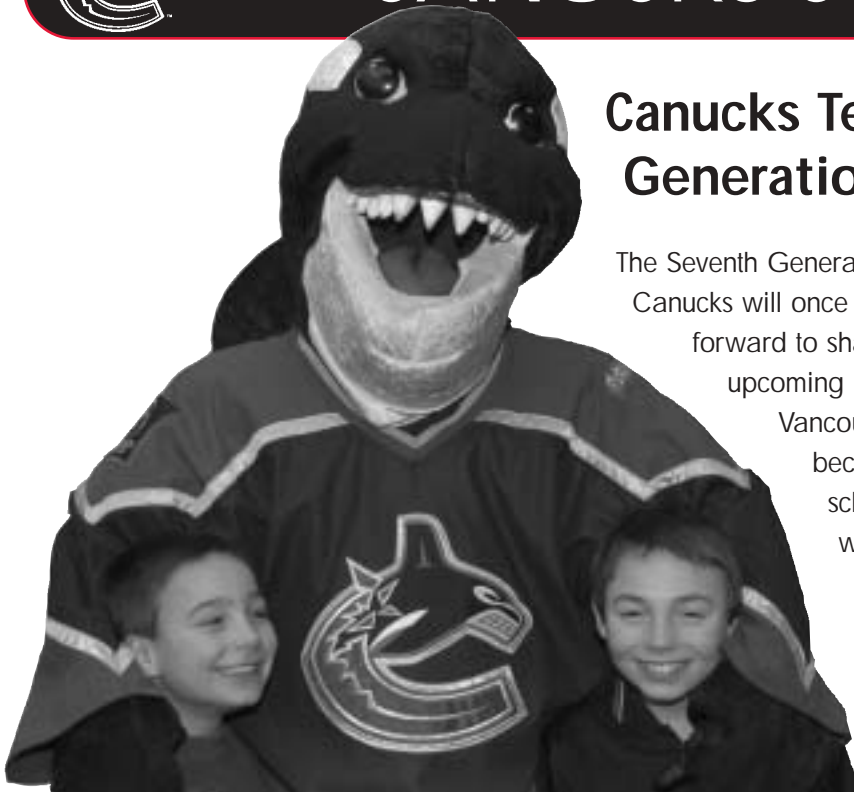
Suite 113
100 Park Royal south,
West Vancouver, BC
V7T 1A2.

Phone: (604) 925-6087
Fax: (604) 925-6097

If you have any questions, or would like to see something included in upcoming newsletters, write to the Editor at the address above, or send an e-mail to: fnesc@fnesc.bc.ca



CANUCKS CORNER



Canucks Team up with Seventh Generation Club

The Seventh Generation Club is thrilled to announce that the Vancouver Canucks will once again be your Club Captain this year. We look forward to sharing news and stories from the Canucks in our upcoming newsletters. In the meantime, remember...the Vancouver Canucks support the Seventh Generation Club because they want you to set goals, work hard in school, and do your best in everything you do. That way, you are sure to achieve great success!

Some Quick Safety Tips for the Months Ahead

KG Coyote wants all of you to take safety seriously! Chances are good that you'll never need the following tips, but just in case ... they can help you be prepared for any situation.


- Always tell your parents or your caregiver where you will be. It is important that an adult always know where you can be found.
- Try to travel with a friend or a group of friends. That way you can all look out for each other.
- If you see someone hanging around the schoolyard or the park tell an adult. Try to remember what you see so that you describe the person later. For example, is the person tall or short? Do they have dark or light hair? What kind of clothes are they wearing? If the person is driving, what kind of car do they have?
- Do not travel in dark and lonely areas.
- If someone dares you to go into lonely or remote places, do not listen.
- Do not accept gifts from a stranger, and don't get into anyone else's car without first telling your parents. Even if a person is dressed like a policeman, do not go anywhere with someone you don't know.
- If someone in a car stops to ask you a question, such as

directions, stay far away from the car and say you don't know. Adults should not ask children for directions.

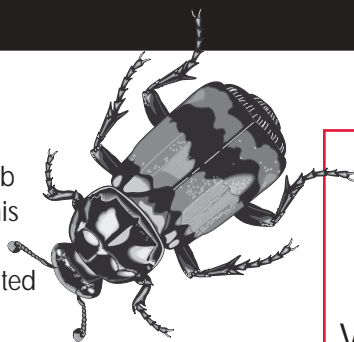
- Do not answer the door when you are home alone, or tell people that you are there by yourself. If someone calls, say that your parents are busy. If someone keeps calling or keeps trying to get in your house, call the police right away.
- If someone touches you in a way that makes you feel bad, yell and tell. Nobody has a right to make you feel bad or uncomfortable. Talk to some trusted adults until someone believes you. Remember, **you** did nothing wrong.
- If you are feeling scared, lonely, or sad, talk to an adult you trust. You can talk to your parents, a teacher, your principal, or anyone else who works in your school. Never be afraid to tell people how you are feeling or if you need help. Just remember that there are plenty of people who care about you and want to make sure that you are happy. Take advantage of that fact.



The NOOK



To celebrate Seventh Generation Club Science Day, this edition of the Nook is dedicated to any future entomologists.



Science Career Contest

What science-related career interests you? Write an essay or draw a picture about a job that you think is cool, and you could win a fabulous prize. Don't forget to submit your entries to the Seventh Generation Club by October 22, 2004 to be eligible for this month's contest.

"Entomology" is the study of insects and their world. People who choose this as a career are called entomologists.

Why would someone want to be an entomologist? It might be because insects are fascinating creatures. There are more insects, and more different kinds of insects, than any other animals on earth. They live almost everywhere – in forests, underground, in trees, near the water ... almost anywhere you can name.

And while we may think they're just pests, insects are an important part of our world. They pollinate plants, break down garbage, turn dead plants and animals into useful matter, and provide food for many birds, reptiles, fish ... sometimes even humans! It's true ... some people eat certain kinds of insects.

For some entomology fun, why not mix up some yummy worms and offer your friends a chance to munch away.

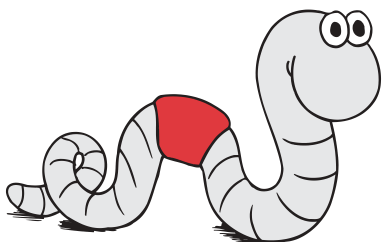
Yummy Worms

What you'll need ...

- 1 tablespoon honey
- 2 tablespoons creamy peanut butter
- 2 tablespoons powdered milk
- 1 teaspoon cocoa

What to do ...

Mix the honey and peanut butter in a coffee mug. Add the powdered milk and cocoa and stir until you can mix it with your hands. If the mixture is too sticky, add more powdered milk. Shape the mixture into little worms. Then use the back of a knife to make marks like the worms' rings. Serve the worms on a bed of lettuce.



And now for some wormy humour ...

Why couldn't batman go fishing?

Because Robin ate all of the worms.

How can you tell which end of a worm is the head?

Tickle it in the middle and see which end laughs.

Why do fish like to eat worms so much?

Because they're hooked on them.



Career Quiz

Can you match the following career titles with a description of what they do?

- | | |
|-------------------------------|--|
| 1. A hydrogeologist | a. helps prevent air pollution |
| 2. A hydrologist | b. studies reptiles and amphibians |
| 3. An air management engineer | c. studies the ways groundwater moves through the soil and rock of the earth |
| 4. A herpetologist | d. studies the atmosphere and help to predict weather |
| 5. A meteorologist | e. studies surface water |

Attention All Scientists!!

Seventh Generation Club Science Day is Planned for November 12, 2004

Mark your calendars! The sixth annual Seventh Generation Club Science Day is planned for November 12, 2004.

We have collected another fun bunch of experiments for you and your classmates to try this year, so get ready to try out some new marvelous mixtures, terrific testings, and amazing analyses.

The purpose of Science Day is to remind all of our Club members that learning about science can be a great deal of fun. For example, science Day will give you an opportunity to make wacky mixtures that gurgle and ooze and call it schoolwork! What could be better?

Science Day is also meant to encourage you to keep taking science in school, because it can lead you to some truly amazing careers. To start you thinking about some of the possible things you can do with a science education, we decided to share some information about jobs we thought you might find interesting. Remember ... by using the web or looking in some books at school, you can find out about other interesting science-based careers that might interest you.

The life of a **wildlife biologist** is rarely the same from one day to the next. One day you might be counting eagles or estimating how many deer live in a certain area. The next day you might be fixing some equipment or a broken fence in a nature preserve. Or you could find yourself talking to students about conservation or attending a meeting about hunting areas or a proposed new park. One thing is likely, though – you probably won't be bored, and if you like watching wildlife and helping to protect the environment, you may find that being a wildlife biologist is a really fulfilling job. To become a wildlife biologist, you need to have many different skills, a love of the outdoors, as well as an interest in biology and science. Many wildlife biologists have a Master's Degree in Wildlife Ecology or a degree in some other type of natural resources field.

As a **park naturalist**, you could find yourself working as a writer, a teacher, a historian, and a mentor to young people interested in the environment. Every day is different for a park naturalist, and people working in this field get to use their scientific and their creative skills. Among their numerous tasks, park naturalists lead school field trips, visit classrooms, take

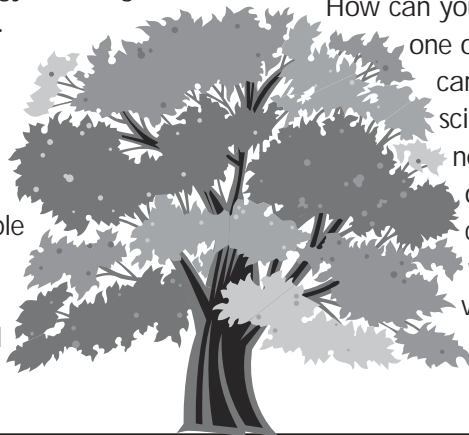
people on bird walks and trail hikes, and teach nature crafts and outdoor skills. Park naturalists learn where certain plant grows, where birds nest, and where animals den. And when decisions are made about cutting trees, building trails, or creating more campsites, naturalists are often asked to give the "ecological perspective." Does that sound like a job for you?



Most **foresters** begin their careers with a love of trees and a passion for continually learning about those fascinating plants. But foresters also need to learn about all of the other parts of the forest ecosystem, including soil, weather, birds, animals, and insects. Foresters spend a great deal of their time outdoors all year round, and they also get to talk to children about the value of trees and forests, show people how to properly plant and care for tree seedlings, and help to decide when the time is right to cut down trees. Foresters get to use their math, problem solving skills, decision-making, and science skills, and most professional foresters have at least a bachelor's degree in forestry. Many also have a Master's Degree. So if you want to be a forester, you should plan to go to college.

Oceanographers study how our oceans, and the living creatures in them, function as an ecosystem. Oceanography is a fascinating career, because the Earth has more oceans than land, and it is a huge task to understand how they work. Oceanography includes a wide range of jobs including engineers, marine biologists, and zoologists (people who study animals). One of the better-known careers in oceanography is marine biology. While oceanographers study oceans as a whole, marine biologists focus on the living creatures in different types of water, not just huge oceans. They also study life in seas, bays, and other large bodies of water.

How can you leave yourself the option of choosing one of those, or any of the other science-based careers? While you're in high school, take science, math and English classes. You'll need all of those courses to get into college or university after you graduate. If you can, try finding a summer job or volunteer work in a related field to gain some valuable real-life experiences. And just remember ... you can do it if you try.



Attention All Scientists!!

Seventh Generation Club Science Day is Planned for November 12, 2004

Mark your calendars! The sixth annual Seventh Generation Club Science Day is planned for November 12, 2004.

We have collected another fun bunch of experiments for you and your classmates to try this year, so get ready to try out some new marvelous mixtures, terrific testings, and amazing analyses.

The purpose of Science Day is to remind all of our Club members that learning about science can be a great deal of fun. For example, science Day will give you an opportunity to make wacky mixtures that gurgle and ooze and call it schoolwork! What could be better?

Science Day is also meant to encourage you to keep taking science in school, because it can lead you to some truly amazing careers. To start you thinking about some of the possible things you can do with a science education, we decided to share some information about jobs we thought you might find interesting. Remember ... by using the web or looking in some books at school, you can find out about other interesting science-based careers that might interest you.

The life of a **wildlife biologist** is rarely the same from one day to the next. One day you might be counting eagles or estimating how many deer live in a certain area. The next day you might be fixing some equipment or a broken fence in a nature preserve. Or you could find yourself talking to students about conservation or attending a meeting about hunting areas or a proposed new park. One thing is likely, though – you probably won't be bored, and if you like watching wildlife and helping to protect the environment, you may find that being a wildlife biologist is a really fulfilling job. To become a wildlife biologist, you need to have many different skills, a love of the outdoors, as well as an interest in biology and science. Many wildlife biologists have a Master's Degree in Wildlife Ecology or a degree in some other type of natural resources field.

As a **park naturalist**, you could find yourself working as a writer, a teacher, a historian, and a mentor to young people interested in the environment. Every day is different for a park naturalist, and people working in this field get to use their scientific and their creative skills. Among their numerous tasks, park naturalists lead school field trips, visit classrooms, take

people on bird walks and trail hikes, and teach nature crafts and outdoor skills. Park naturalists learn where certain plant grows, where birds nest, and where animals den. And when decisions are made about cutting trees, building trails, or creating more campsites, naturalists are often asked to give the "ecological perspective." Does that sound like a job for you?



Most **foresters** begin their careers with a love of trees and a passion for continually learning about those fascinating plants. But foresters also need to learn about all of the other parts of the forest ecosystem, including soil, weather, birds, animals, and insects. Foresters spend a great deal of their time outdoors all year round, and they also get to talk to children about the value of trees and forests, show people how to properly plant and care for tree seedlings, and help to decide when the time is right to cut down trees. Foresters get to use their math, problem solving skills, decision-making, and science skills, and most professional foresters have at least a bachelor's degree in forestry. Many also have a Master's Degree. So if you want to be a forester, you should plan to go to college.

Oceanographers study how our oceans, and the living creatures in them, function as an ecosystem. Oceanography is a fascinating career, because the Earth has more oceans than land, and it is a huge task to understand how they work. Oceanography includes a wide range of jobs including engineers, marine biologists, and zoologists (people who study animals). One of the better-known careers in oceanography is marine biology. While oceanographers study oceans as a whole, marine biologists focus on the living creatures in different types of water, not just huge oceans. They also study life in seas, bays, and other large bodies of water.

How can you leave yourself the option of choosing one of those, or any of the other science-based careers? While you're in high school, take science, math and English classes. You'll need all of those courses to get into college or university after you graduate. If you can, try finding a summer job or volunteer work in a related field to gain some valuable real-life experiences. And just remember ... you can do it if you try.

