

A black and white photograph of a river flowing through a wooded area. The river is in the foreground, with ripples on its surface. In the background, there is a building with a gabled roof, partially obscured by trees. The overall scene is a natural, outdoor setting.

ANEE

Newsletter of the Council of Outdoor Educators of Ontario

Volume 8 Number 1 November 1978

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Cover Photo: Canal House, Chaffey's Lock, Ontario.
Photo courtesy Ontario Ministry of Industry and Tourism.

ANEE, the Newsletter of the Council of Outdoor Educators of Ontario is published six times each school year. The publication is mailed to C.O.E.O. members only. Membership can be arranged through the membership secretary whose address appears opposite.

ANEE (AH-NEE) IS AN OJIBWAY WORD USED AS A GREETING OF FRIENDSHIP. IT IS USED AS A CORDIAL SALUTATION AMONG FRIENDS MEETING INFORMALLY. OUTDOOR EDUCATION IS A DISCIPLINE WHICH HAS AT ITS FOUNDATION A DESIRE TO LIVE IN HARMONY WITH THE ENVIRONMENT; THE TRADITIONAL WAY OF LIFE OF OUR NATIVE PEOPLE CHERISHED THIS ATTITUDE. ANEE IS A MEANS OF COMMUNICATING AMONG OUR MEMBERS WHO ARE SCATTERED ACROSS A LARGE PROVINCE. IT IS HOPED THE GREETING - ANEE - IS FELT THROUGH THESE PAGES.

FROM THE EDITOR'S DESK

"To occur and thrive in a given situation, an organism must have essential materials which are necessary for growth and reproduction."

p.106 Odum, E.P., Fundamentals of Ecology, 3rd ed.,
V.B. Saunders Co., Philadelphia, 1971.

From my days as a university Biology student, I recall that when those essential materials are in short supply, they become limiting factors, and it is to the factors that will limit the growth and reproduction of ANEE that I wish to address my first editorial.

In the capable hands of Ron Frenette, ANEE was born and flourished throughout its entire first year. I don't have to be told (though many of you have told me) either about the heavy workload involved or that Ron Frenette is a hard act to follow. I am prepared to do the necessary work to produce seven issues of ANEE in the next twelve months.

However, if I do that, if I produce seven issues of ANEE single handedly, then the major limiting factors of its growth become the time and talents of Sheila Mudge. That's a rather sobering thought for me, but it should be a devastating one for you, the membership. In June, 1978, we had nearly 800 members on our roster. One single person should not be in complete charge of our most effective communications tool.

I have some ideas of what I want to achieve as ANEE editor. Being a self-styled cook and avid eater, I'd like to see The Outdoor Gourmet continued and expanded to include natural foods as well as strictly outdoor cooking tips. You'll find one of my favourite natural food recipes in this issue. In conversation with many of you, I've detected a need for attention to the aesthetics and creative arts in outdoor education programs, and consequently you'll find both a poem and an article on creative drama in these pages. Many of you are unable to attend either the annual

meeting or regional meetings, and consequently part of each issue will focus on the personnel and workings of the Advisory Board. Ours is a large province and I'd like to include a visit to an outdoor centre or a focus on a program in every issue. Finally, I am very sympathetic to all the rumblings I've heard over the last few weeks--yes, I hope to include a heavy weighting of practical ideas, and magazine or book reviews to get us all through another school year.

As you can see from the preceding paragraph, the hand of your new editor is very heavily evident in this issue. You're trying out my favourite recipe, enjoying a poem I like, considering my ideas on drama, reading my selection of articles, and if I may say so, that's a pretty unhealthy happening for an organization as diverse as C.O.E.O. Consequently, this editorial is a plea for help. I am in desperate need of submissions, either in the form of occasional contributions or perhaps some of you might like to write or edit regular columns, such as the one on creative arts. The actual physical work of "getting out" the newsletter lends itself to the formation of an editorial staff, and I will welcome any offers of assistance.

If you would like to contribute articles to ANEE, please mail them to me, along with your name, address and phone number, and any instructions concerning the article's use. I'll respond to all submissions. If you would like to contribute your energies and talents to the production of an ANEE, drop me a line outlining your particular area of interest. Please write to me at:

Scarborough Outdoor Education School,
Box 210,
Kearney, Ontario.
POA 1M0

Lastly, let me say that C.O.E.O. is an expanding and diverse organization and ANEE needs to be representative.

Sheila

Sheila Mudge, Editor
ANEE--Newsletter of C.O.E.O.

Tithing to the Environment

Many organizations, including not a few religions, urge their members to contribute ten percent of their income to the efforts of the organization. The ten percent donation is usually referred to as a tithe, and of course the actual percentage can vary.

There are undoubtedly many persons who are interested in environmental conservation and instead of sitting idly by, would like to do something about their convictions.

But you can make a ten percent tithe to the environment, which if you choose, will be quite undetectable to those who might tend to categorize you as some sort of enemy softie who spent too much time out in the rain when he or she was young.

You can tithe to the environment simply by reducing your own impact as a consumer of energy and goods by a matter of whatever percent you choose.

What are some of the things you could do? I'll mention a few of them here, and perhaps individuals with good suggestions might like to send along some of their ideas to share with other persons of a similar frame of mind.

Here are a few ideas:

1. You could reduce electricity use in your home by ten percent. If you save your paid bills, you could check to see what average kilowatt consumption is in your home and make a point of reducing it by ten percent or more. Since hot water heaters use a sizeable portion of the electricity consumption in an average dwelling, the place to start might be right there by turning down the heater ten or fifteen degrees. Other conservation of electrical energy can be brought about monitoring home lighting and not leaving lights burning all over the house. Excessive Christmas lighting is a thing you might wish to think of as well.

Another thing you might think about is the purchase of products which require excessive electrical energy in their manufacture. Aluminum is a very high energy product. You might be a little more cautious about wasting such things as aluminum

foil - and might even find that you are able to get along without products of this sort. We need remember that the sum total of demand is the sum of all the individual demand. By reducing the demand of individual homes a new trend in predictions of energy growth will eventually result.

2. Try a meatless meal once every ten days - or more often. It is a pretty well accepted fact that North Americans eat more meat than is healthful. Also, at the very least, some ten pounds of grain are needed to produce a pound of meat. Grain is a "lower on the food chain" sort of food. If a family cut out 100 pounds of meat over the period of a year, this would amount to at least a half ton of grain that could be used to avert starvation elsewhere in the world. The cynic will probably say, "It would never get there anyway," but it's not unlikely the health factor alone would be sufficient benefit to make such an action worthwhile.

3. Don't buy things you really don't need, particularly things such as are normally purchased on impulse and wind up stuck on a back shelf or discarded in the cellar or attic. At first it will probably be hard to change the habit of "going shopping." It's worth realizing that at least some portion of shopping is often done to relieve boredom or simply to waste time. Try to get rid of the "I may need one of those someday" philosophy. Chances are that you may be kidding yourself and are just indulging in a slightly more sophisticated form of impulse buying.

4. Create a walk zone around your home. Depending on your own enthusiasm it may be several blocks or more in every direction. Within this distance, leave your car at home. Don't cripple your children by making them dependent on wheels. Within a reasonable distance, as long as it is safe, let them walk to their friends homes or to their activities. Even if it's raining, as long as they are adequately clothed, let them have the fresh air and exercise. Once again there is a plus factor for health when we leave the vehicles at home - also there is an energy saving, and just that tiny bit of pollution that doesn't occur.

A few years ago World Health Organization pointed out that there had been over a hundred thousand automobile fatalities,

worldwide, and over two million people hospitalized. If we had any other epidemic, that didn't make so much money, we would be doing everything possible to stamp it out. A vehicle is useful in some circumstances, in others it's best use is parked at home, out of the way.

Another thing, instead of that weekend drive in the country, try a weekend walking excursion. You may cover less distance, but you will see things you never saw when driving.

5. Save your paper bags and give them to stores that don't mind reusing them. You can even take them to the supermarket with you and use them a second or third time. Remember that they can even be useful for soaking up bacon fat.

6. Try to make someone else aware. Talk environmentally when conversations offer an opportunity to do so. Many people are poorly informed about things they might be perfectly willing to do to help make resources go a bit farther. We live by holding hands.

In offering these suggestions we realize that there may be many scoffers and many individuals who will pass these ideas off as a bunch of foolishness or even as things injurious to business. They will talk in terms of loss of jobs, and in terms of the economy being ruined.

It is quite doubtful the economy will be destroyed - certainly if conservative habits are undertaken there may be something to sustain an economy in the future. It may be an unpleasant fact, but sooner or later we will have to recognize that the purpose of life is something of a higher order than business. If we unshackle ourselves even somewhat from the ritualized role of "economic humans" we might find that we have time to be thinking humans, aesthetic humans, spiritual humans, and just plain ordinary good people.

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A Journal of Information for Environmentally
Concerned Citizens.
Vol. 1 - Sept. 1978

ANNUAL MEETING AND CONFERENCE

MINUTES

Annual Meeting

Sat., Sept. 30, 1978

This 8th annual meeting was held at the Opinicon Lodge and was chaired by Alice Casselman.

1. MOTION: That the minutes of the 1977 annual meeting be adopted.

Aikman/Nasimok
Carried

2. MOTION: That the policy decisions made by the Advisory Board during 1977/78 be accepted.
Frenette/Parulski
Carried

3. Business arising from 1977 minutes. It was reported by Alice Casselman that all items have been initiated.

4. MOTION: That the reports for 1978 be accepted as printed and changed.

Ingleton/Gunn
Carried

5. MOTION: That a motion of division of voting on constitutional changes be accepted.

Nasimok/Swan
Carried

Item;	3 (a)	carried
	4 (c)	carried
	7 (a)	carried
	8 (a)	defeated
	8 (b)	carried
	8 (c)	defeated
	8 (e)	carried
	9 (c)	defeated
	11 (c)	defeated

9 (c) Amendment.

MOTION: That a change in wording be inserted after "correspondence and" to read "as non-voting members, a membership secretary and a newsletter editor and any other positions which are deemed necessary.

Mayer/van Stratten
Carried

11 (c) Amendment Budget

MOTION: That a change in wording be inserted to read " (a) a general audited balance."

Malcolmson/Prewer
Carried

6. Nominations: Lloyd Fraser, Sheila Mudge and Rob Taylor were elected by acclamation.

It was announced that a new position is now to be filled as a result of a resignation. Nominations were requested from the floor. Two candidates were proposed:

Alan Hunter
Jim Bishop

Voting: Scrutineers were Jeannette Scott, John Logan and Jim Malcolmson.



Ron House, neighbour and friend of Allan Boniwell, demonstrates the use of a log rack for sawing stove lengths. The rack was one of several projects on the "Energy Trail" at the Skycroft Workshop entitled "The Sun: Our Provider."



Dennis Reed, Kingston, and Vicky Joyce, Kitchener, examine a birch bark canoe built by Chief Commanda of Minniwaki for trapping. The canoe was on display during the conference, courtesy of Kirk Wipper and the Kanawa International Canoe Museum.

7. Other business:

1. A recognition was made by Ralph Ingleton to Don Hurst, on the completion of his term of office on the Advisory Board, for the contribution which he has made to C.O.E.O.

2. A recognition was made by Clark Birchard to Dorothy Walter, on the completion of her term of office.

3. MOTION: That the in-coming Advisory Board invite Dorothy Walter to be a government liaison to C.O.E.O. to attend as many meetings as possible.

Birchard/Dysart
Carried

8. MOTION: That the election ballots be destroyed.

Scott/Blaine
Carried

9. The chairman asked for in-put into the statement of Goals and Objectives from the members, either before the end of the conference or through the regional groups.

10. It was suggested by Don Morrison that the Advisory Board be responsible for establishing a liaison committee with the Ministry of Education in order to develop an aggressive and active relationship. It was recommended that Don Hurst be chairman.

11. MOTION: That the 8th annual meeting be adjourned.
TIME: 9:45 PM

Logan/Middleton
Carried

Submitted by
Dorothy Walter

The Robin Dennis Award

As a final tribute to Robin Dennis, one of the great Canadian Leaders in outdoor education, The Toronto Island Natural Science School and The Boyne River Natural Science School are providing an annual award in his name to honour an outstanding contribution in the field of outdoor education in Ontario.

The presentation this year took place at the Opinicon Hotel as part of the annual conference. Mr. Ron Frenette accepted the award for his exemplary efforts to promote outdoor education and to improve the communication of its ideals throughout the province.

Ron joins Murray Finn and the Toronto Island Natural Science School on the Robin Dennis honour roll.

Congratulations, Ron!

THE CLOSED ECOSYSTEM

PREAMBLE

WHAT IS IT?

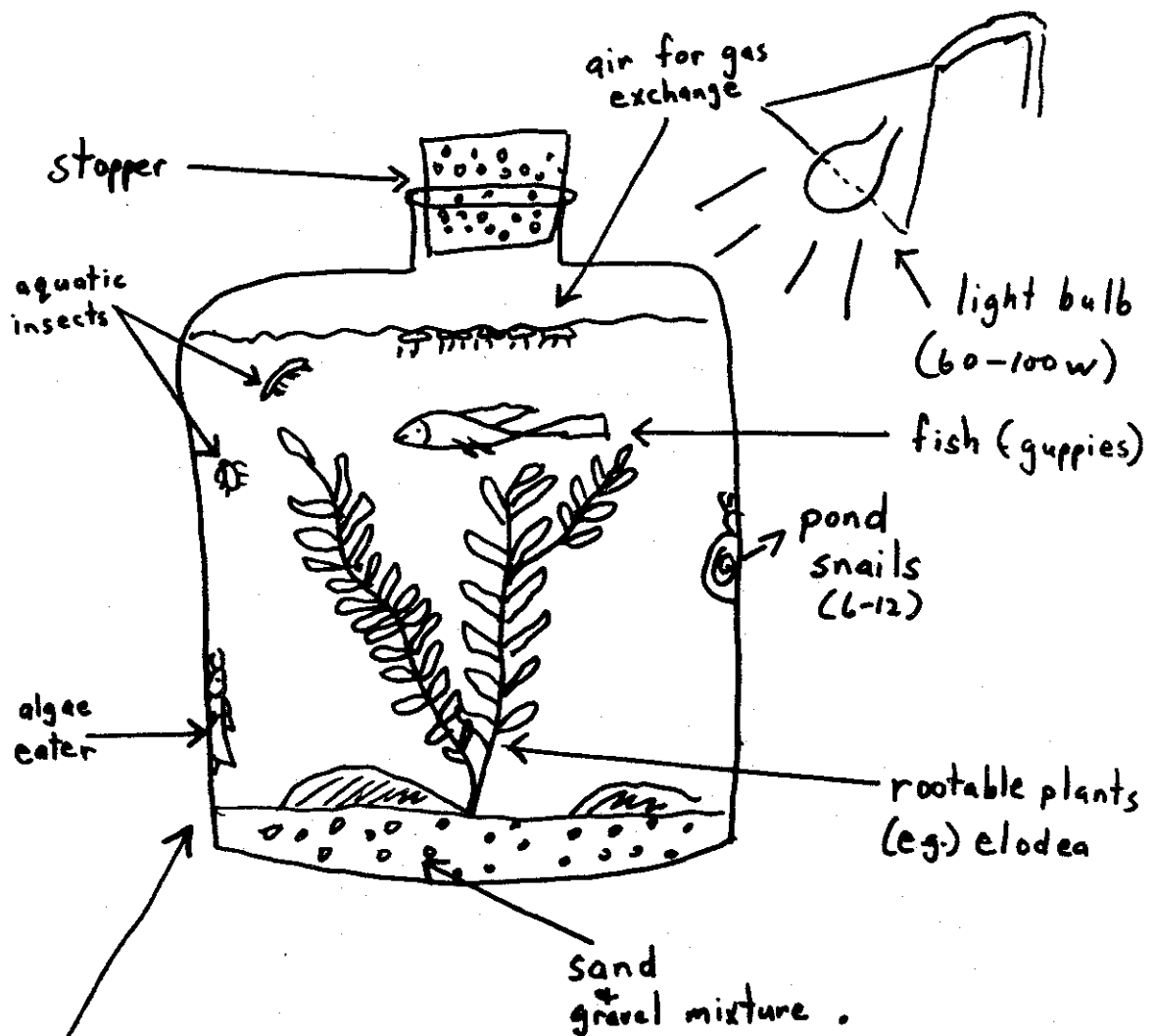
A closed ecosystem is in fact, a representation of the interrelationships of living (biotic) and non-living (abiotic) things in our environment, both terrestrial and aquatic. In essence, the ecosystem concept demonstrates how tenuous and delicate life is and that if the balance of nature is upset, even in a small way, many changes can take place.

WHAT PURPOSE DOES IT SERVE?

Besides being an obviously attractive and relatively carefree type of aquarium, the ecosystem bottle can serve as a wonderful educational tool. The layman, casual observer, or tiny tot cannot help but learn something simply by observing what is going on inside of the bottle. To the student and teacher, an ecosystem bottle can be used with great success in the teaching of ecology. The food chain, microscopy, energy and its dispersion, photosynthesis, vertebrates, invertebrates, algae, and zooplankton. This system is also an excellent preparation for an outdoor education field trip which includes a pond or stream study. Indeed, in a properly maintained ecosystem, a pond study can be done quite successfully in the classroom itself - in any season! The concept and its implementation are so simple, that it can be taught from at least grade 3 through to university level.

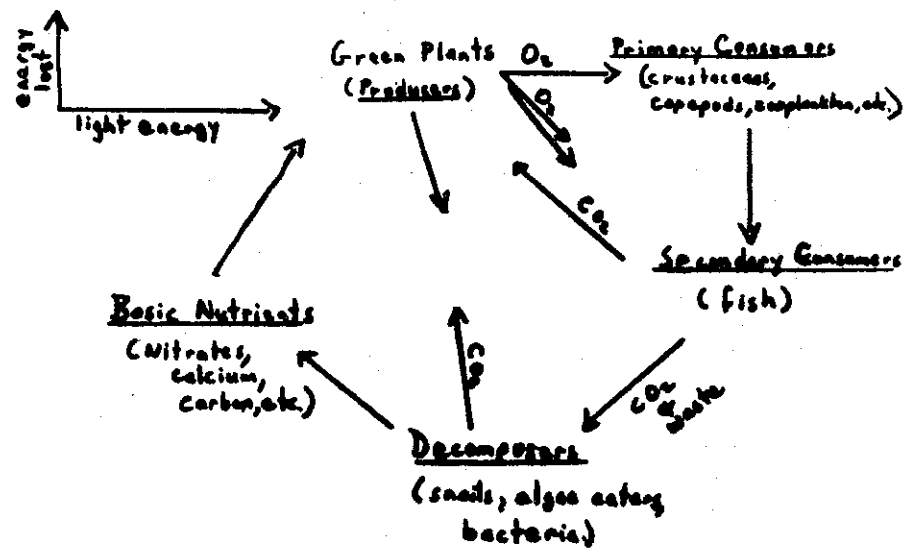
ALL ECOSYSTEMS HAVE 3 BASIC COMPONENTS

1. Producers (i.e.) green plants - make own food through photosynthesis - (i.e.) $H_2O + \text{light energy} + O_2 \rightarrow \text{Chlorophyll} = \text{Carbohydrates} + O_2$.
2. Consumers - 1st order - herbivores (plant eaters)
2nd order - carnivores (meat eaters)
3rd order - omnivores (plant and meat eaters)
3. Decomposers-break down organic matter into basic nutrients (i.e.) bacteria aerobic (need O_2)
anaerobic (do not need O_2)
algae eaters (fish) (Khulihloach)
snails (pond variety)



THE CLOSED ECOSYSTEM

FOOD WEB IN ECOSYSTEM



MATERIALS NEEDED FOR YOUR ECOSYSTEM BOTTLE

1. Jar or bottle - 2 litres to 60 litres - pickle jar to large wine jugs.
 - glass must be clear or at most slightly green tinged. Other colours would filter out light needed for photosynthesis.
2. 2.5 - 5 cm. layer of "sterile" sand and gravel mixture.
3. Aquatic plants - Elodes, stonewort, other rootable plants
 - a couple of spoonfuls of duckweed (found on surface of ponds) may be added especially if pH level is low in water (i.e.) acidic.
4. 6-12 small pond snails (avoid large aquarium type snails if possible) - usually not enough food for them.
5. Fish - good rule of thumb - one fish per gallon or at the very least per 2 litres of water.
 - guppies, black mollies, swordtails, are good bets as they will readily breed.
 - fish should spend equal amount of time at the top and the bottom of jar if they are healthy.
6. Decomposers - algae eaters - (cat fish - Khulih loach) (some eat dead algae, others eat living algae) (snails are included in this category)
7. Zooplankton - phytoplankton and tiny crustaceans and copepods, (e.g.) sideswimmers or scuds, daphnia, cyclops, seed shrimp and other aquatic insects can be added as well.
8. A Lamp - 60W - 100W bulb.

Most of the above can be purchased at a good pet store. Aquatic insect nymphs and larvae may easily be caught with a net in ponds clinging to duckweed under rocks or other flotsam, or even in the ooze in the bottom of the pond. In winter, simply break the ice on a pond, examine the rocks, sticks and muck on the bottom and you will readily see these creatures. If it moves, keep it. Chances are it won't hurt your system. Some larvae and nymphs will actually hatch within the system and live for a short time in the air above the water line.

PROCEDURE

1. Thoroughly clean your bottle.
2. Fill 2/3 full with tap water and allow to sit with lid off for at least 48 hours to allow chemicals to escape.
3. Add sand and gravel mixture - spread gravel.
4. Add plants - elodes for instance. It is a good idea to allow the plants to lie in the water in a bright spot for a day in order to build up oxygen in the water.
5. Add pond water until bottle is 5/8 full and add tiny aquatic insects and invertebrates at this time. They will either seek the bottom or cling to the plants.

6. Add snails and one or two algae eaters (depending on size of your system.
7. Add your fish, one inch of fish per gallon of water. Be sure that they are taken from water of approximately the same temperature as that into which they are being placed. A variation of - 5°C could kill them from shock.
8. Seal your bottle with a cork or lid - making sure that it is air tight. You should not have to open it again .
9. Position light bulb so that plants receive the maximum amount of light. The light should remain on it at all times for if it should be turned off, oxygen production will stop and the organism will die from asphyxiation. Light energy is the only non-recyclable component of the system.
10. Be sure that there is at least 1/6 of your bottle empty. That is, leave room for exchange of gases in your system.
11. If creatures begin to die, don't worry. The system is merely balancing itself. When a balanced food chain is established, things should not change.
12. When a fish or snail dies, do not remove it. It will be recycled within the system. If however, all of your fish die, through some fungus disease, of course you may have to replace them. When dead organic material is decomposed and recycled as basic nutrients, you will notice that your plants will grow at an incredible rate. This too is normal. Things will re-establish themselves in time.
13. With luck, your system should be a source of pleasure and education for years with very little care.

PRECAUTION - If bubbles appear on plants, water is probably saturated with oxygen and bulb should be moved back or one of the lower strength should be used. OR You may also add one or two more fish to consume the excess oxygen.

P.S. - Thanks to - Professor W. A. Andrews,
Faculty of Education,
University of Toronto for assistance
in this project.

CONTACT: - Jonathan O'Mara,
c/o Norman Cook Jr. P.S.,
Scarborough Board of Education,
705 Danforth Rd.,
Scarborough, Ontario.

Creative Arts

Creative Drama and Environmental Concerns

Drama is a means of organizing experience, and as such, can be very useful in the teaching of outdoor education principles. Environmental concerns particularly are difficult to teach because they seem to be so removed from our students' actual experience--how can we expect a student to understand the need to recycle paper for example, when a classroom environment is virtually made of paper? However, we can make it possible for students to deepen their understanding by providing opportunities for them to actually experience the impact of environmental pollution or destruction themselves through the medium of drama.

All of us have at some time been asked, "How would you feel if....?", and because it is a familiar question, it makes it easy for us to role-play. Newspaper articles provide an endless source of material for environmental role-playing. Students should explore both sides of the issue--it is not enough to play the part of a native family that depends on fish from a mercury-contaminated river, it is also necessary to consider the benefits provided by the company responsible for the contamination.

The impact of the dramatic experience will be enhanced if some work is done in preparation for the role-playing activity. Many educators are wary using drama because they expect one of two results--students are either too inhibited and uncomfortable to develop any real feeling for the role they are playing, or they collapse into silliness. A gradual series of warm-up activities will lessen the likelihood of either of these things happening.

Initial warm-ups should be individual activities with no threat of performance. Follow the Leader, Simon Says, The Ape Game (students "ape" the teacher's words and actions) and rhythmic activities to music are good ways to relax.

Games involving partners or small groups are excellent as second stage warm-ups. Co-operative Charades, Musical Newspapers (like musical chairs, but everyone must get completely off the floor and onto the newspaper,) and Animals on my Forehead (the name of an animal is taped to your forehead and you must discover its name from the reactions of others) are a gentle way of getting students to work together, and in fact, in front of each other, but still without any threat of performing.

The third and final stage of warm-ups is crucially important to the success of the role-playing experience. In this stage, students work as partners to explore the dialogue of conflict situations--tidy versus untidy campers, environmentalists versus litterers, game wardens versus poachers. By switching roles back and forth in mid-conversation, students become comfortable with the idea of role-playing and with the need to concentrate on "getting into the character."

Finally, the role-playing can be extended into improvised scenes--newspaper article about a paper company being fined for polluting a river can motivate the staging of the public inquiry. It is important, however, to follow up the improvised scene with time for sharing with other groups in the class, and a time for "talking down" and consolidating the experience so that its impact is maximized.

The Vagabond

Give to me the life I love,
Let the lave go by me,
Give the jolly heaven above,
And the byway nigh me.
Bed in the bush with stars to see,
Bread I dip in the river--
There's the life for a man like me,
There's the life for ever.

Let the blow fall soon or late,
Let what will be o'er me;
Give the face of earth around
And the road before me.
Wealth I seek not, hope nor love,
Nor a friend to know me;
All I seek, the heaven above,
And the road below me.

Or let autumn fall on me
Where afield I linger
Silencing the bird on tree;
Biting the blue finger.
White as meal the frosty field--
Warm the fire-side haven--
Not to autumn will I yield,
Not to winter even!

Let the blow fall, soon or late,
Let what will be o'er me
Give the face of earth around,
And the road before me.
Wealth I ask not, hope nor love,
Nor a friend to know me;
All I ask, the heaven above
And the road below me.

R. L. Stevenson.

THE OUTDOOR GOURMET

CARROT WEDDING CAKE

a cake for all celebrations of life

2 cups raw sugar	1/2 cup walnuts or pecans chopped
3 cups wholewheat pastry flour	1/2 cup raisins
1 tsp baking soda	1/2 cup pitted dates, chopped
1 tsp baking powder	4 cups bananas, mashed
1/2 tsp salt	1/2 cup fresh crushed pineapple
1 cup vegetable oil	1 tsp vanilla
4 eggs, beaten	1 tsp cinnamon
3 cups grated carrots	1/2 cup coconut, finely chopped

Sift together sugar, flour, baking soda, baking powder, and salt. Beat in vegetable oil and eggs. Stir in carrots, nuts, raisins, dates, bananas, coconut and pineapple. Season with vanilla and cinnamon.

Grease a shallow rectangular baking pan about 12x9 inches and a shallow pan about 9x8 inches. Pour cake batter into both pans and bake in a 325 degree oven for 1 hour. Let cake cool in pans for 45 minutes; remove and spread with the following icing:

1 cup powdered sugar or honey
12 oz cream cheese, softened

Beat cream cheese and sugar together until smooth. Spread icing over top and sides of each cake layer, center the smaller layer on top of the larger layer.

(1) Carrot Wedding Cake p.72
from-Getting It All Together
Down to Earth Cookbook

Reprinted from:

Getting It All Together
Down to Earth Cookbook - by
Linda Maull and Nancy Fair McIntyre
Gala Book, California c. 1971

Ski on a Shoestring!

Do you want to get your group or class cross-country skiing but are next to broke? Are you reasonably handy? If you fall into the above categories, then this article may be of some use to you.

(1) Skis:

This is usually the most expensive piece of equipment. Why buy new when you can scrounge an amazing assortment of used skis either free or for a slight cost. If you can get hold of any old-fashioned wooden skis then you're in luck. Usually all these need are a base sanding and tarring.

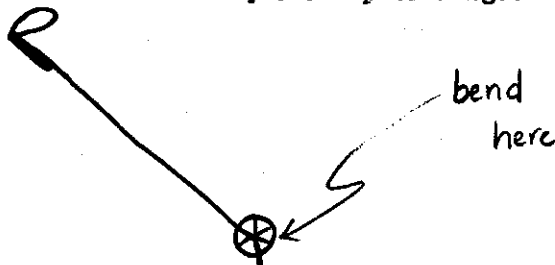
More recent wooden skis often have metaledges. This type of ski is probably best handled by removing the metal edging and by sawing that width of wood off each edge of the ski. The rough edge can be smoothed with a plane and sand paper.

Fiberglass-base skis also can be treated in the same way as wood-base metal-edge skis, only when you're finished you don't have to smooth and tar the base.

Naturally once the base has been prepared, normal Nordic waxes may be applied. These out-down skis will still be heavier than store-bought Nordic skis, but they will suffice and by gosh, the price is right!

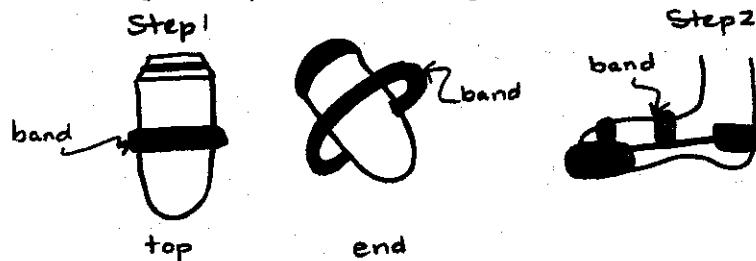
(2) Poles:

Any of the longer Alpine poles will do, provided you bend the whole tip down below the basket. If you are unable to scrounge these, take solace in the fact that new poles can be found in the \$5.00 a pair range.



(3) Bindings:

Probably most of your expense will come here. You will need a set of Tempo cable-type bindings for each pair of skis manufactured. Since most of the group will have different footwear and few will have heel grooves, you will need an "assist" to keep the bindings on. I have found that if you cut an old car inner-tube into strips about $1\frac{1}{2}$ inches wide (like a large elastic band) these can solve a lot of problems. Before putting on the ski, simply have the student slip the binding between the two layers of the "elastic band." Then place the foot into the binding so that both sides of the band will rest on the upper surface of the foot arch. It isn't perfect, but it usually works!



(4) Boots:

With the above harness set-up, a student can ski with almost any type of boot. Hence the problem of stock piling the various boot sizes is eliminated.

Good luck and good skiing.

John Logan
c/o Lakeview Park P.S.,
1239 Lakeshore Rd. E.,
Mississauga, Ontario.

Ed. Note: John submitted his article on the back of a flyer sent to his school and now out of date. Great recycling habit.

FROM THE ADVISORY BOARD

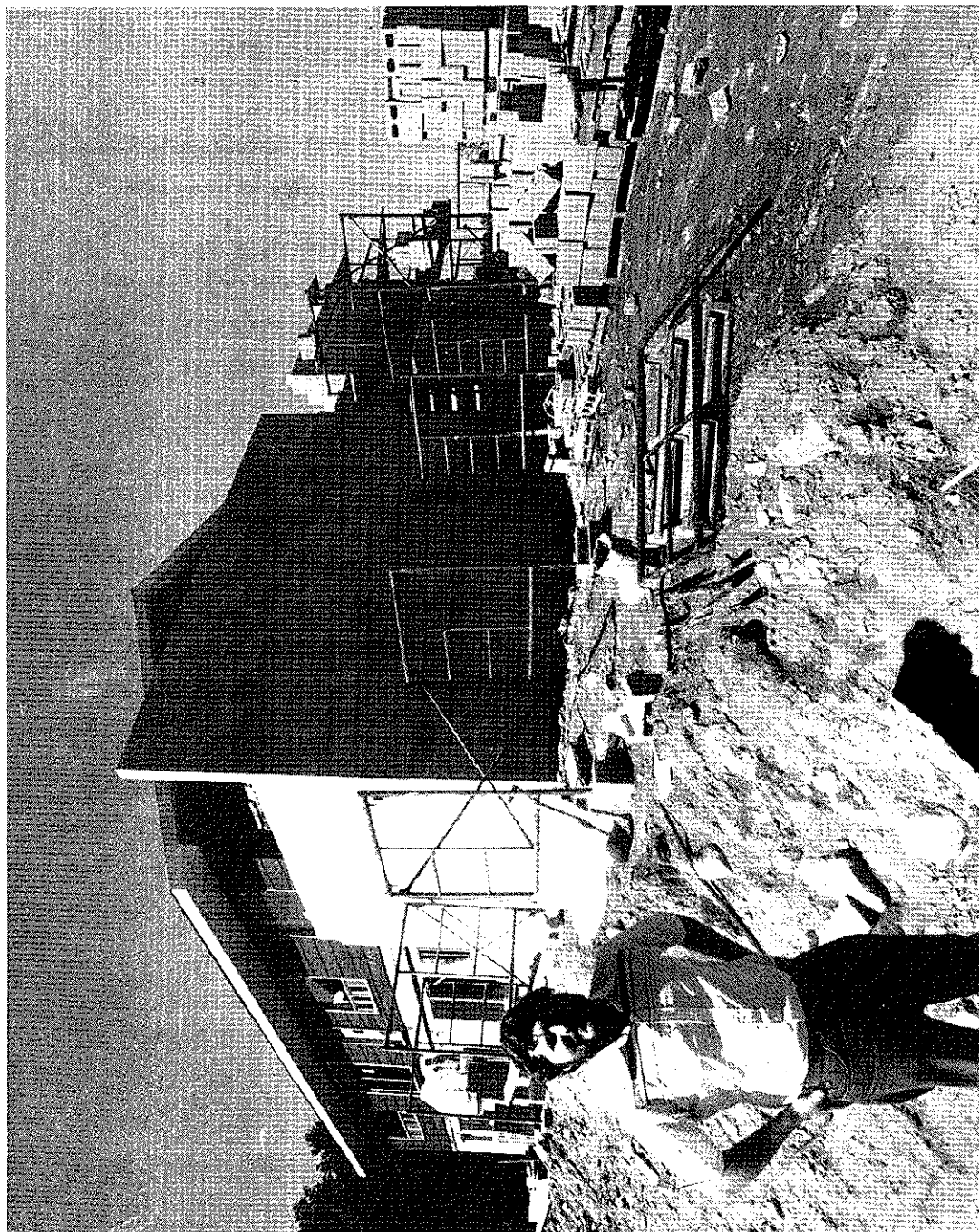
John Niddery, Chairman of C.O.E.O. for 1978-79, is no stranger to many of us. He was Vice-Chairman for 1977-78 and Conference Chairman for the 8th Annual Conference held at the Opinicon Hotel in Chaffey's Locks, Ontario. Previous to his term on the Advisory Board, John served as a member of the workshop committee for Central Region.

Two boards have shared the benefits of John's teaching skill. He began his teaching career in York County and worked on an outdoor education curriculum committee there. He later moved to the Scarborough Board of Education, where his duties included regular classroom teaching, special education and full-time outdoor education. In April, 1978, he was appointed Project Director of the Scarborough Outdoor Education School, a residential facility on 375 acres near Kearney, Ontario.

A man of many interests, John divides his spare time amongst Men Teachers' Federation, bee-keeping and his estate near Coldwater, Ontario.

* * * * *

John Niddery stands in front of renovations to the main building of the Scarborough Outdoor Education School, Kearney.
Photo courtesy of the Scarborough Mirror.



REGIONAL NEWS

Central Region

This year we plan to continue the policy of mailing the minutes of each meeting plus any other information of importance to every Central Region member.

In addition, it is planned that each meeting will feature a short presentation on various topics. Suggestions as to topics of interest would be gratefully received by the Chairman, Fred Mayor.

For your convenience, the scheduled meetings this year are outlined below. Consult your minutes for a specific map and any unforeseen changes in date or location. Unless otherwise notified, meetings commence at 7:30 P. M. Please try to attend and see what's happening in Central Region.

January 18 (Thursday)

Jack Smythe Field Centre
Terra Cotta, Ontario
453-3552

- 401 to Mississauga Road. North to #27 Sideroad (second stop north of Highway #7). West to Terra Cotta. Right at the Terra Cotta Inn onto the 6th Line. North past the Terra Cotta Conservation Area to the top of the hill. Turn left into the driveway.

March 5 (Monday)

Vivian Field Centre
Ballantrae, Ontario
473-2156

- North on Highway 48 (Markham Road) 2½ miles north of Ballantrae turn right onto the Vivian Sideroad. Second driveway on the left.

May

Date and location to be announced. It is planned to hold this meeting at a weekend workshop tentatively scheduled for the first or second weekend in May.

June 8 (Friday)

Forest Valley Field Centre
North York, Ontario
630-6263

(Business and Social evening) Time to be announced.

- Finch Avenue West between Bathurst and Dufferin. Turn south on Wilmington Avenue to Blue Forest Drive. Go east past stop sign to sharp curve. Turn left into the driveway.

NORTHERN REGION ACTIVE

A meeting of the Northern Region of C. O. E. O. on October 22 had some eventful first. The first executive of the Northern Region of C. O. E. O. was formed.

Chairperson - Lynn Ingham, Project DARE,
Box 2000,
South River, Ontario
POA 1X0

Vice-Chair - Neil Mens, c/o General Delivery,
Haliburton, Ontario
KOM 1P0

Secretary-Treasurer - Airlie Armstrong,
Tawingo Outdoor Centre,
Huntsville, Ontario
POA 1K0

Congratulations and best wishes are extended to these folks for being the first C. O. E. O. executive to spearhead outdoor education in the North. A systematic membership drive of schools, agencies and individuals in the North has begun, another first for the North. A new series of half-day or day-long workshops in different population centres in the North aimed at meeting expressed needs of the local residents was planned. Some brainstorming on next year's Full-time Outdoor Educators Seminar and Annual Conference also took place. Some nifty ideas will be handed over to the conference committee. A lot of positive energy seems to be harnessed for the year ahead.

* * * * *

T-Shirts--T-Shirts--T-Shirts

We have a selection of Men's C.O.E.O. T-Shirts available.

Sizes--Medium and Large

Colours--Navy blue, White, Bottle green, Gold, Light blue.

All with the C.O.E.O. logo.

Only \$4.00 while they last.

Send cheque payable to: Sheila Mudge,
Box 210,
Kearney, Ontario.
POA 1M0

State size and 1st and 2nd colour choice.

Ladies' sizes are being re-ordered.

BOOKS - MAGAZINES - FILMS

ALTERNATIVES

ALTERNATIVES is a serious, yet very readable quarterly on resource use, pollution, conservation and environmental politics.

Recent features: A detailed indictment of Canada's energy policy; pollution exposure and the poor in Hamilton, Ontario; "Salvationists, Utilitarians and Environmental Justice," the politics of the Concorde airliner; values and ecology; William Ophuls on "The Politics of Transformation," environmentally appropriate technologies; and much, much more.

ALTERNATIVES	c/o Trent University, Peterborough, Ontario, Canada. K9J 7B8
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HARROWSMITH

Just beginning its third year of publication, HARROWSMITH is a unique Canadian magazine combining country living, alternative energy, organic gardening, ecology, folk arts and natural foods.

Recent features: A \$1,300 solar heating system for cold climates; Life and Culture of the Honey Bee; Alternatives to Commercial Pet Foods; Non competitive games for children; Small Batch Maple Syrup - tips from the maple sugar king of Quebec.

HARROWSMITH MAGAZINE	Camden East, Ontario, Canada. K0K 1J0
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POT POURRI

Bruce Trail in Jeopardy

Undoubtedly, most COEO members have read lately about certain problems which have arisen since the Niagara Escarpment Commission released its Preliminary Proposals in February.

Many land-owners along the Escarpment have withdrawn their permission for the Bruce Trail to cross their land - some because of misunderstanding or misinterpreting the Proposals.

In any case, I am sure that many of you have spent countless pleasant hours on this 450 mile volunteer-built and maintained trail. Thousands of students have been introduced to semi-wilderness outdoor education in environmental studies and physical skills in this beautiful outdoor classroom.

The Trail's very existence is now in danger - certainly as a continuous footpath. For example, the entire Blue Mountains' section from Lavender to Craigleith is now closed, and many other Clubs' sections are re-routed on the roads for long stretches.

The Niagara Escarpment Commission was set up by the Ontario Government for the preservation of the Escarpment as a continuous natural environment, and thereby keep it and its world-famous footpath intact for future generations.

The Commission needs all the support it can get to accomplish this objective, to help overcome the very vociferous organized opposition they have been experiencing to date.


Your elected representatives, both Provincial and Municipal should know how You feel about this matter.

LET'S SAVE THE ESCARPMENT!!

Sincerely,
Geo. Roberts
President
Bruce Trail Association
(member of COEO)

John Aikman still has C.O.E.O. decals for sale, at .50¢ each.

Send requests to: John Aikman,
14 Lorraine Drive,
Hamilton, Ontario.
L8T 3R7



Headwaters

WINTER WILDERNESS TRAVEL AND
CAMPING IN THE CANADIAN SHIELD

travel skills are taught against the background of the
natural and human history and aesthetic tradition of
the shield country.

1 to 3 week programs January through March,
exploration trips for those with winter camping experience.

all gear is provided, people of all ages welcome.

for details & application; box 288, temagami,
ontario. poh 2ho.

DATEBOOK

A winter workshop is being tri-sponsored by the Northern Region of C. O. E. O., Ontario Pioneer Camps, and the Tawingo Outdoor Centre. This workshop will be held at Tawingo from Friday, January 12 to Sunday, January

14. Sessions will include:

X-Country Skiing - Beginner, Intermediate and Advanced technique for both flats and hills.

X-Country Skiing - Teaching progressions and teaching tips.

Ski-Tours - Full day to Deer Yard
- Half day with winter nature interpretation.

Winter snow, ice, climate studies. *Winter Camping overnight option.

Tawingo's Winter Operation - behind the scenes: What? How? Why?

* Plus the equipment, social recreation, informal exchange of a workshop. Accommodation is in heated, winterized cabins. Fee for the Friday snack through Sunday lunch is \$42.00. Registration is limited.

For more information and registration forms, contact:

Tawingo Outdoor Centre
R. R. #1, Huntsville, Ontario
POA 1K0 Telephone: (705) 789-5612

O. C. A. CONFERENCE 1979

OUR 37th YEAR

MARCH 1, 2, 3

Professional Development

Leadership Training

Trends in Camping

Evaluation Techniques

Research into Camping

Outdoor Education

Photo Contest

Wine and Cheese Party

Exhibits

Nostalgia Night

Banquet

For more information write to:

Ontario Camping Association
102 Eglinton Avenue East
Suite 203

Toronto, Ontario M4P 1E1
Telephone: (416) 486-8630



FUTURE STOCK

Meet Tomorrow Today

The Conference Planning Committee certainly believes in its own theme - they are ready to-day for the conference in January. The program, both professional development and social elements are set. Final details are being attended to before going to press. Your brochure and registration form will be in the mail by October 30th. So you can prepare for the future here are some of the highlights.

- INSTITUTES:**
- Creative Supervision: The Professional Approach, Resource - Shaun Erb
 - Advanced Management Workshop, Resource - Ruben "Butch" Nelson
 - Marketing and Promotion in Recreation - MacDonalds Style, Resource - Rick Hession & Peter Beresford
 - Communication Skills Training Workshop, Resource - Dr. Donald Boulet and Dr. Walter Leckett
 - Fitness for Today and Tomorrow, Resource - Don Noble
 - The Arts & Recreation, Resource - Bonnie Secord

- GROWTH SESSION:** There are thirty-four planned which include:
- Negligence & Liability in Recreation Planning
 - Are Minorities Really Different?
 - Drama Alive!
 - Travel - Safety, Efficiency and Economy
 - Snow Play - New & Cooperative Games
 - Loi et Loisirs
 - Down the Road: Rural Recreation
 - Hoods in the Woods
 - Facility Needs - Types - Year 2000?

And then there are Action Sessions and the Rec Room and "Happy Days" and "Confunspiel" and Dr. David Gray and the Banquet and the Annual Meeting and the election of the Board and meeting your friends and making new ones

Remember January 24 - 27, 1979

Chateau Laurier Hotel, Ottawa, Ontario.

Ontario Recreation Society 1979 Conference Committee

"SKI PROGRAMS - RATES FOR STUDENTS & GROUPS"

TORONTO - The Metropolitan Toronto and Region Conservation Authority offers group rates to students and other special groups for downhill and cross country skiing and snowshoeing at the Albion Hills and Bruce's Mill Conservation areas. Professional instruction by certified ski instructors is available to all groups and both areas feature a natural skating rink and tobogganing hill to complement the regular program.

Group Rates

Cross Country Skiing - Bruce's Mill and Albion Hills

Trail Fee (own equipment, no instruction)	\$1.00/student
Equipment Rental and Trail Fee (no instruction)	\$3.50/student
Instruction Only (own equipment)	\$2.50/student
Complete Package (trail fee, rentals, instruction)	\$5.00/student

Downhill Skiing - Albion Hills Only

Tow Fee (own equipment, no instruction)	\$2.00/student
Equipment Rental and Tow Fee (no instruction)	\$5.00/student
Instruction Only (own equipment)	\$4.00/student
Complete Package (tow fee, rentals, instruction)	\$7.00/student

Snowshoeing - Albion Hills Only

Rentals	\$2.00/student
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Albion Hills can accommodate approximately two hundred twenty-five cross country skiers, twenty-five downhill skiers and thirty snowshoers while Bruce's Mill has facilities for one hundred thirty cross country skiers. Both areas have heated chalets with washrooms and refreshment facilities.

Bruce's Mill is located 2 kilometers east of Woodbine Avenue on the Gormley-Stouffville Sideroad. Albion Hills is located 8 kilometers north of Bolton on Highway 50.

For further information and reservations, contact Metro Region Conservation at 661-6600, Extension 286.