



Scouts from Acton, Georgetown, and Norval boarded a bus at the Zellers parking lot Thursday morning for a trip to the airport and their flight to CJ '81 in Calgary. The mass gathering

of Scouts at the Alberta Jamboree features every activity imaginable and plenty of opportunities to learn. The boys return this weekend.



Alberta-bound for the big Scout Jamboree, CJ '81 near Calgary, are these members of the First Georgetown troop, each of whom received best wishes and special caps to wear from A.E. LePage Real Estate, whose local manager, Finn Poustrup (right) came to the troop's last meeting of the season bearing

gifts. Heading for CJ are (standing, left to right) Tim Hancock, Jeff Talbot, Craig Lucas, Mike McMurray, Scoutmaster George Henderson, (seated) Greg Bairdow, Garry Butwell, (absent from photo) Jimmy Clark and Terry Dryden. (Photo by Jean Layman)

Energy savings:

Understanding some basics can help us solve many common problems



ENVIRONMENT HALTON

By Grant Lee

By understanding basic aspects of some of the systems at work in our environment we are able to work toward resolving many of the problems affecting our way of life.

Two of the systems that can be understood and managed more efficiently are energy flow and the nutrient cycle. An understanding and practical application of some fundamentals of these systems will result in "energy savings", a goal we work toward every day.

The sketch provided below simply illustrates the flow of energy and the cycling of nutrients through an ecosystem that could very well represent a garden, woodlot or a regional watershed. It shows how the two systems are constantly interacting, resulting in the presence and growth of living things in our environment.

Producers such as green plants trap the radiant energy of the sun and transform it into a chemical form of energy that can be used by consumer organisms (e.g. vertebrates). Some chemical energy not used by consumers is eventually passed on to decomposers (e.g. bacteria). What must be understood is that whenever energy is

used, it is lost forever, and whatever amount is left is always less than the amount received in the beginning. The system is open, or, non-cyclic. The typical energy flow through an ecosystem is represented by the broken arrows on the sketch.

Nutrients are essential to living things for enabling the conversion of food to energy. Although this cycle is closed (solid arrow on the sketch), nutrients can be lost to the system for long periods of time before returning for use once again.

Nutrients are lost from each component of the biotic community as well as along the food chain represented by the Producer - Consumer - Decomposer relationship.

With this insight into two systems of our environment, lands can be more efficiently managed whether they are small urban lots or large acreages in the countryside. All land which has not been built upon or artificially surfaced is capable of producing useable energy and nutrients essential to the food chain. By failing to manage

land for optimum energy flow and nutrient cycling, energy is not being conserved. Nevertheless, it is possible to conserve energy at the consumer and producer stages of the food chain.

Proper siting of the components of newly created lots or subdivisions contributes to a more efficient flow of energy and the ability for nutrients to remain within the ecosystem. Providing for the existence of producers and easy reception of radiant energy is the action implied by the sketch.

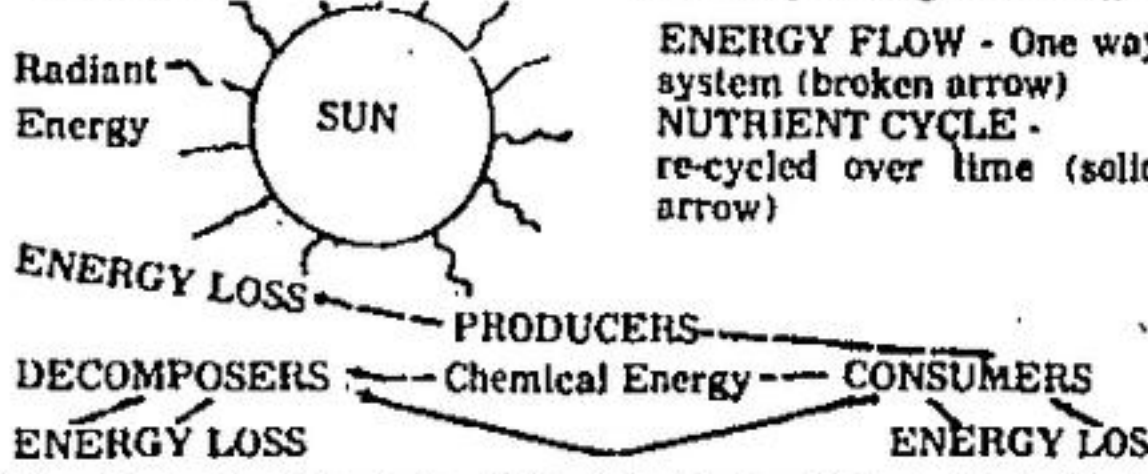
The use of compost bins on small lots and the return of organic matter to the soil on larger lots assists in the conservation of energy and nutrients. Understanding that energy is lost at each stage of the food chain, unnecessary losses can be avoided, for example, by returning organic matter to the food producing soil which is often discarded as kitchen garbage.

Overfertilizing lawns, gardens and foodlands wastes nutrients that are washed away and lost in the sediments of streams, ponds and lakes for many lifetimes before returning to the food chain. The costs of replacing

some types of nutrient is ever increasing as the search for supplies becomes more costly. The search itself is a heavy user of energy.

Fertilizer should be added in quantities needed by plants being fertilized at times of the growing season when plants are able to use the nutrient without substantial wastage.

Our quality of life can be efficiently improved without great financial burdens if some basic aspects of how our environment works is understood. With some fundamental knowledge of only two of the many systems existing in our environment, it has been shown how energy can be conserved and nutrients recycled.



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Alberta-bound!

By JEAN LAYMAN
First Georgetown Scout Troop held its last regular meeting June 29 in St. John's United Church hall for final instructions for Scouts attending the Canadian Jamboree in Alberta.

Scoutmaster George Henderson - also co-ordinator of CJ'81 for North Halton District - invited parents to listen to the instructions. Also on hand was Finn Poustrup, manager of A.E. LePage Real Estate, who presented everyone going to CJ'81 with caps. Finn also wished Scoutmaster George and his troop the best of luck and to have lots of fun.

The Scout Ladies Auxiliary and the Group Committee gave the troop a cash donation which was most gratefully appreciated.

Boys attending with Scoutmaster George Henderson are Tim Hancock, Jeff Talbot, Craig Lucas, Michael McMurray, Greg Bairdow, Garry Butwell, Jimmy Clark and Terry Dryden.

TOWN OF HALTON HILLS
44 MAIN ST. SOUTH
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NOTICE OF PUBLIC MEETING

The Subsidiary Planning Board of the Town of Halton Hills will hold a Public Meeting to identify, examine and discuss issues as presented in the Phase I section of the Downtown Study Program which relates to the rehabilitation and redevelopment of the Central Business Districts of the communities of Acton and Georgetown.

ALL INTERESTED CITIZENS ARE WELCOME

TIME: 7:00 p.m.
DATE: July 21, 1981
PLACE: Municipal Administration Building (formerly Exquisite Municipal Office) R.R.2 - 7th Line (Trafalgar Road) Town of Halton Hills

M.P. Venditti, B.A., M.A.
Planning Director
Town of Halton Hills

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② 12.6m / 41ft / pi 4h / po

ECONOMICAL LEISURE HOME

This simple and economical to construct recreational home design is ideally suited to the narrow cottage building site, yet it provides almost 1,000 square feet of well-organized finished floor area, to result in an ideal retirement home or holiday cottage for the medium-size family. Mixed vertical and horizontal chamfered siding and a durable shake roof make for a solid and maintenance-free exterior finish which will endure well over the years. For those who prefer, the shake roof could be alternately finished in shingles.

The main entry leads traffic directly into the kitchen, from which it is only a few short steps to the left and into the long rectangular living room and dining area combination. A compact vestibule-style entry could be constructed

around the main entry door and outerwear storage area, to serve as an "air-lock" which conserves energy by limiting heat loss.

The living room features sliding glass walk-throughs in its two exterior walls; the one providing access directly to the outdoors, the other opening into a fully-enclosed porch/patio which is shared by the master bedroom.

The well-planned U-shape kitchen provides a logical work triangle configuration for step-saving, generous countertop work surfaces and abundant cupboard storage facilities. It could easily be constructed so as to form a snack-bar counter dividing the kitchen from the dining area.

All three bedrooms are positioned to the rear of the floor plan and away from the main activity areas for

freedom from disturbance. Each has good exposure for view and natural light, and each has ample closet storage facilities. The largest of the three bedrooms has full-width closet storage and a sliding glass walk-through which provides access to the enclosed patio.

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To order any of these items please send cheque or money order, payable to the Home of the Week. Address to: Home of the Week, c/o The Halton Hills Herald, Suite 201, 801A Jane Street, Toronto, Ontario, M6N 4C4.

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