



Turning Education Into Action

The Mysterious Arctic

Do you wonder how anyone can live in the Arctic? You might be surprised to learn that over two million people, and countless other precious species make the Arctic Region their home. Its magnificent beauty, its incredible wildlife, its native people and its effect on the entire planet, make it a place we should learn about and protect.

It's the Top of the Earth! Did you know that the ice and snow at the North Pole is not on land? It's floating ice (pack ice) that moves about five miles a day! So, if you're on an ice pack at the location of the North Pole, before you know it, you'll drift away. "When I arrived at the North Pole," explained Will Steger, "I had this sense of being at the top of the planet Earth. I felt alone above a 12,000 foot deep ocean."

It's Shared! Eight countries, including the U.S., Canada, Iceland, Greenland (Denmark), Norway, Finland, Sweden and Russia make a circle around the Earth's coldest ocean. The Arctic Ocean and the land that surrounds the Arctic Circle is called the Arctic Region.

It's Cool! In the Arctic, just like where you live, the strength of the sun's heat and the amount of daylight help determine the temperature. About six months of the year, the Earth's Arctic Region is tilted away from the sun so it is mostly dark and very cold. The average



temperature at the North Pole in the winter with 24 hours of darkness is -50°F (-46°C). And in the summer, when this region is tilted toward the sun, there is daylight for 24 hours and the average temperature is 34°F (-1°C). Even then, the sun is always low on the horizon and doesn't give off much heat.

It's Home! The families who live in the Arctic Region think it's a great place to live. But to survive, they have to make use of everything around them to live. Sod, stones, driftwood and even ice were used to build homes, and the animals are used for food and clothing. Most Arctic animals cannot live anywhere else. Caribou, musk oxen, polar bears, wolves, seals, walruses and whales are just a few of the precious species who need this land and sea to survive.

It's Polluted! It's polluted because of the way the rest of the world lives, not by the native people or animals who live in the Arctic. The Earth's water and air currents act like rivers of pollution carrying the rest of the world's bad habits to this Arctic Region. Pesticides used to kill pests on farmers' crops as far away as India or your home, can evaporate into the air and be carried all the way to the North Pole. Factories dumping hazardous waste into water near our homes, are not just hurting us. Water currents will take polluted water all the way up to the Arctic Ocean where Beluga Whales and other marine life live and can be harmed.



An Arctic Adventure

The Hansen-Hignell Expedition



Imagine a journey by dog sled through thousands of miles of sparkling Arctic ice and snow. It's not just anyone who can make that journey! We're lucky though. The Arctic adventures of people like Will Steger have taught us so much about the importance of the Arctic and all its living creatures.

Julie Hanson and Martin Hignell are two other amazing adventurers helping us learn more about this mysterious land. Covering 2,400 miles in Canada's Arctic Region, they will visit the people of many Inuit villages. The Inuit people are sometimes known as Eskimos. The Hansen/Hignell Expedition will give a computer to each village. "We're hoping that by providing the Inuit people with these computers, we will connect these remote villages to each other, and to kids in schools all over the world," explained Martin. "And with the help of the Inuit people, this expedition will tell us more about the Earth's health."



answers. We can share earth ideas with Inuit village citizens. We can learn how they build the igloos they use for shelter during their hunting trips. After the expedition, wouldn't it be great to become an "E-Pal" with an Inuit kid your age?

For many years, Julie was director of the Voyageur Outward Bound School in Ely, Minnesota USA where she led kids through adventure classes that stressed protecting the Earth. Julie has been on many exciting expeditions, including crossing the Arctic Ocean with Will Steger on the International Arctic Project (IAP) Expedition.

Martin, who is from a town near Oxford, England has been on several expeditions including the IAP. He has become an expert on training sled dogs. He says that like all sled dogs, those used on this trip love to pull sleds. And because they have so many layers of fur, they are happiest at -40°F (-40°C). Their favorite place to sleep is all curled up in a snow bank.



During the expedition we can follow the adventures of Julie and Martin as they travel from village to village. We can ask questions and receive



Do Caribou Cry?

We don't really know. Would you cry if an oil drill was built on your lawn? Would you be upset if trucks, and gravel pits, and toxic smoke invaded your neighborhood? You might need to move. But what if this neighborhood was the only place you could survive?

During the summer a herd of about 152,000 Caribou travel 700 miles from Canada to have their baby calves in the Arctic National Wildlife Refuge in Alaska. They are called the Porcupine Herd because they cross the Porcupine River as they migrate (move).

This herd needs the kind of wilderness area that is in this Refuge to be comfortable, and even to survive. Thousands of other animals need this area too. If there is oil drilling in the Refuge, do you think the Caribou will cry?

To help Arctic animals, make power posters and write to KSE Worldwide.

In the summer we bug the Caribou.

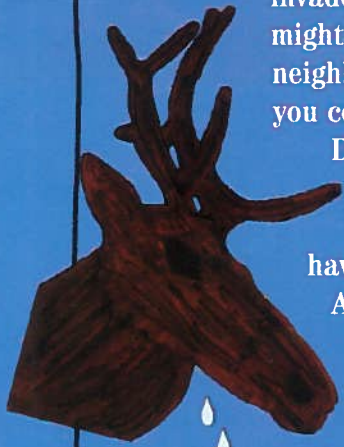
They'd rather be bugged than humaned

A KIDS FOR SAVING EA



I'm On Top of t

The Arctic



Marissa



Nate



Becky



Gina



Taha



Allissa



Allison



Help Protect

Getting there is tough. Saving it is tougher. Replacing it is impossible. Please

of the World and

IS COOL!



A Defender of the Planet will:

☐ Follow the Hanson-Hignell Expedition in the Arctic through the E-Pal Connection. Send e-mail to ArcPersp@aol.com and/or go to the Shaklee Web site at: <http://www.shaklee.com!>

☐ Draw an Arctic Power Poster and get permission to put it up in a public place.

☐ Write a letter to the editor of your local newspaper and to your government leaders. Tell them how pollution where you live can go all the way to the Arctic. Ask everyone to help protect the top of the world. (Send a copy to KSE).

☐ Learn about Earth safe products, and stop using products that harm the Earth's land, air and water.

☐ Join Kids for Saving Earth Worldwide.

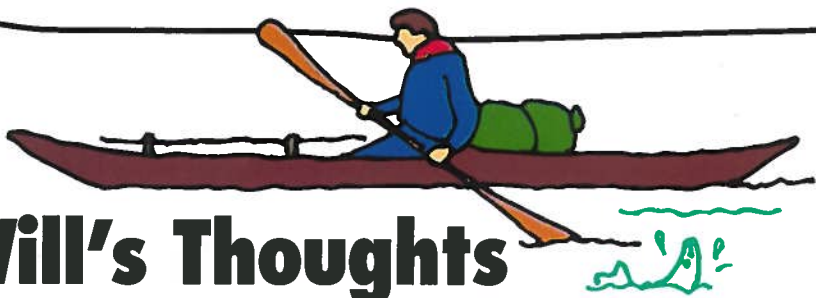


protect it!



For local information:

ble. Please help us protect it. — Tessa Hill, President, KSE Worldwide



Will's Thoughts

by Arctic Explorer, Will Steger

I first traveled to the Arctic 30 years ago. It was an exciting adventure! I learned so much and was inspired to go back again and again. Recently I led a team of 5 men and women 1200 miles across the Arctic Ocean by dog-sled and sled-canoe.

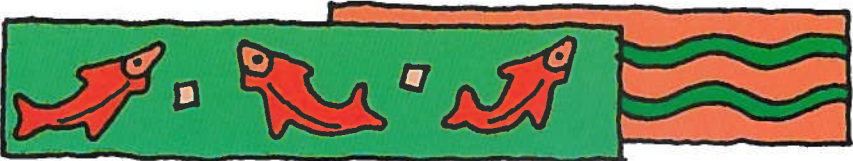
Will Steger's Arctic expedition is featured on 2 new educational videos: *Being An Explorer* (Grades K-3) and *The Science of Exploration* (grades 4-8). For information on this American Discovery series, call 1-800-723-1263.

Young people often ask me why I like to explore. Well, I love the challenge and I really enjoy being outdoors. Also, I used to be a science teacher, so I'm interested in all ways the earth works. However, the main reason I continue my work as an explorer, is to help educate people of all ages about the importance of the Arctic. For instance, I want you to understand that the pollution finding its

way to the Arctic might be coming from your own town. And pollution in the Arctic can harm the humans and animals that live there. That can cause Earth problems for all of us. I hope that what you learn from being a part of our Arctic Expeditions will inspire you to take action to protect all of the Earth. We need to work together to find answers!

Soon I'll be leading a small group into Alaska's Arctic National Wildlife Refuge. This is the last piece of protected land on the Arctic coastline in Alaska. I'm very worried because some people want to remove natural resources from this area. Drilling for oil in the Refuge can harm animals and cause problems for the native Gwich'in people who have depended on these animals for thousands of years.

In 1997, I will begin a trip to the North Pole. I'll be traveling alone. I won't even have my dogs. Instead, I'll haul a special Arctic canoe. I won't feel alone though, because of computers and E-mail, I will have all of you traveling with me.



The E-Pal Connection

Do you want to learn more about the Arctic and share your thoughts with new Earth-pals? Through the magic of computer online services, an educational organization called ARCTIC PERSPECTIVES will help you learn about the fascinating Arctic. It will give you reports



on the travel adventures of Will Steger, Julie Hanson and Martin Hignell. It will provide you with resource information on special places like Alaska's Arctic National Wildlife Refuge so that you can better understand the problems of the Gwich'in people and the migrating caribou. And it will help connect you with the magical world in the north! All you have to do is send an e-mail to ArcPersp@aol.com and ask to join the list of E-Pals. If you don't have a computer, send a self-addressed, stamped envelope to ARCTIC PERSPECTIVES, PO Box 75503, St. Paul, Minnesota 55175



Chelsie



Holanda

From Clint's Mom

Just like Will Steger, Clint loved the outdoors and was always exploring new territories. He felt lucky because his community supports protecting wetlands, forests, and prairies. When we went on a family vacation, he was excited to see all the National Parks and Forests along the way. I think he understood that protecting wilderness is a wonderful way to share the beauty of the Earth for ever and ever.

Clint would be sad about what is happening to some of the Earth's natural treasures right now. Some industries are using or destroying the natural resources in our National Parks. Some businesses want to drill for oil in parks. This is an example of what is happening worldwide. Some people believe that using natural resources in the parks is more important than preserving a wilderness for future generations. And some government leaders believe this too.

What do you think? Do you think we need to use so much oil? Clint knew that kids' opinions are important. Write to your government leader to tell them what you think.

When you are doing good things to help the Earth always act as Clint would, peacefully!

Tessa Hill



About Clinton Hill: Clint was only 11 when he died of cancer, but his dream of a cleaner, healthier planet lives on through you and the club he started, Kids for Saving Earth.



I like parks where I can be the early bird

Me too, but we don't want to be oily birds

BUSINESS Watch

Industries can create a major source of the world's pollution. That's why KSE Worldwide likes to spread the good word about businesses who are concerned about the Earth's environment. So we want you to know about a company called Shaklee Corporation, named after its founder, Dr. Forrest C. Shaklee. Since it started over 40 years ago, it has made products that are in harmony with nature.

When KSE Kid Katie Thayer spoke with Charlie Orr, President of Shaklee, he told her that the increasing population of the planet uses up its resources. To save resources Shaklee uses recycled products for its packaging and tries to limit packaging. "We test our products in our labs and then in an outside lab. We never test on animals," said Mr. Orr. He thinks that it is important for kids to learn about the Arctic because "so few of us ever hear about it or see it, and we don't understand that this beautiful and important area is becoming polluted."

Shaklee is helping kids help the Earth by supporting KSE Worldwide, Arctic Perspectives and several Arctic Expeditions. The Earth thanks you Shaklee! Check your phonebook for your local Shaklee independent distributor.



How To Join Kids for Saving Earth Worldwide

You can join KSE Worldwide as an individual kid(\$7), as a club(\$15) or as a school(\$9 per class with a minimum of 3 classes.) You will receive your choice of the KSE Action Guide or The Little Kids Guide for teachers, plus The KSE News and Action Programs as issued, and a colorful certificate for each child. Also you will be a part of the KSE Worldwide School Network. Decide how you wish to join and send your name, address, and phone numbers to KSE. Also, tell us the number of members and their ages. For more information, call 612-559-0602.

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