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THOR Lundgren, Laurie L.

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Western Washington State Coll., Bellingham. Huxley

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TRACT

This idea-generating description of a successful ass project tells how second grade students, through viewing a film ecology were motivated toward involving teachers, schools, parents community in a cooperative effort to collect used paper for cycling. Objectives of the project were to: 1) enable students to entify environmental concepts; 2) activate pupils toward solving vironmental problems: 3) encourage pupils in discovering the causes environmental problems; 4) develop ways, means, and materials for corporating environmental education into existing curriculum; and, involve the adult community in treating environmental problems. civity learning, in which students had primary responsibility for forming daily and weekly tasks, was combined with a tidisciplinary approach relating the project to the total riculum. Money earned was to go toward an arboretum at the school. was concluded that decisions need to be made as to the egration, scope, and sequence of environmental education in the sting curriculum. It is requested that users of the report share eir results with the project staff. Follow-up activities include tinuation of paper recycling and the possible start of a center recycling bottles and cans. SO 002 612 is a related report. thor/SJM)





# A "SAVE OUR TREES" PROJECT

for primary grades

Laurie L. Lundgren



Sedro-Woolley Project Report No. 1 October 1971 U.S.O.E. Project No. 0-0848 Grant No. OEG-0-70-5039

Huxley College of Environmental Studies
A Division of Western Washington State College
Bellingham, Washington 98225



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A "SAVE OUR TREES" PROJECT

For primary grades

Laurie L. Lundgren
Huxley Center for Environmental Education
Sedro-Woolley Project Report #1
U.S.O.E. Project No. 0-0848
Grant No. OEG-0-70-5039



#### TO THE TEACHER:

Presented here are ideas for multidisciplinary environmental education. The objectives of the ideas and methods suggested are clearly stated. The overall objective is to provide you, the teacher, with an aid in the development of your approach to teaching for and about the environment. These are not learning packages designed to be applied verbatim, but suggestions for ideas and methods that will enable you to develop learning packages. The contents of this report represent only the first treatment of the idea. It is published in this form in order that teachers may have an opportunity to experiment with it.

You will have to design your personal approach to environmental education. You are an environmental educator now, whether you realize it or not, because the environment is all around you and you are teaching about the environment that surrounds both you and your students. The state of the environment indicates that there is something wrong with the way in which you have learned to perceive and behave relative to the environment, and with the way you are teaching others to learn and behave in their environment today.

The ideas presented here are examples of ways in which you can incorporate environmentally beneficial learnings into your curriculum. The intent is not that you "add on" something specifically environmental to your curriculum, but that you incorporate environmental learnings into your treatments of the subject matter with which you have already been dealing. The specific manner in which you treat your responsibility to

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educate for environmental stewardship is up to you. It is hoped that these and many other ideas will help you in your effort to understand the meaning of "environmental education" and its implications for you as a teacher and as a human organism.

The environmental education development project of which this report is a part is an ongoing one, and it is hoped that all who attempt to use the report will participate in the project by reporting the results of their efforts to the project staff. The staff will compile the ideas and methods collected. This will enable all working on the development of environmental education to share each other's work and will promote the spirit of cooperation essential to the success of any project as broad as this one.

Please report the methods and results derived from your use of this report to:

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John Miles, Director
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Thank you.



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#### A "SAVE OUR TREES" PROJECT

#### INTRODUCTION

During the study of our community in second grade social studies we viewed the film <u>Our Land Needs Your Help</u>. Pre-viewing discussion re-lated to the implied meaning of the film title and post-film discussion provided the germ of a specific idea that swelled to a gigantic cooperative project involving virtually all staff and students within the school and including substantial parental and community involvement.

In the film, children were helping their community by collecting used papers for recycling. In the process of cleaning up their community the children also realized they were helping the larger environment by saving trees from premature and unnecessary use. The film pointed out that 120 pounds of paper gathered for recycling amounts to the equivalent of paper produced from an average pulp tree.

It became apparent, as post-film discussion developed, that here was an ideal point of departure for really getting involved in environmental learning. During the follow-up discussion it was decided, largely at the instigation of the children, that the class should start a club to gather paper. One child suggested that more paper could be gathered, and thus more trees conserved, if more rooms were involved in the project. The class decided we should also have a club membership chart. The "dues" for the club would be 120 pounds of paper. Upon becoming a member, the child would receive an "I Saved a Tree" badge. The children departed that day full of enthusiasm and ready to start paper collecting routes.



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At the next staff meeting an outline of the project, as far as it had evolved, was presented. Some teachers appeared at first reluctant to become involved. They conceded that after viewing the film they might become more enthusiastic. The film was re-ordered and within two weeks all nineteen rooms in the school were involved in the project.

After the first child had brought 120 pounds of paper, it was taken to other rooms by various children to show how much 120 pounds was and to tell other classes more about the project.

#### PROJECT OBJECTIVES

- 1. To enable students to identify the following environmental concepts:
  - a. The value of maintaining a balanced use of renewable resources.
  - b. The fact that man plays the major role in determining the fate of his environment.
  - c. Identification of the recyclability of much of what we previously considered to be "garbage."

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- d. The realization that the rate of population growth in part determines the rate of resource depletion.
- 2. To construct ways in which each child can become personally involved in active solution to an environmental problem such as land, water, or air pollution, or resource wastage.
  - 3. To construct ways in which each child, through active involvement and investigation, can learn the causes of specific environmental problems.

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4. To develop ways, means, and materials for incorporating environmental education into the existing curriculum.



5. To involve members of the adult community in learning of environmental problems through participation in problem solving with their children.

## DAILY STEPS OF PROJECT

1. Gathering and Bringing Paper to School

The children collected their own paper, at home or from friends and relatives, and in other blaces throughout the community. In this part of the process the children learned that:

- a. Some kinds of garbage can be ollected and re-used.
- b. Re-use of a resource prolong<sup>6</sup> the availability of that
- c. Cooperation with family or other people is needed to gather, bundle, and transport paper to school.

#### 2. Weighing Paper

Central weigh-in and storage places were arranged, necessitating learning about:

- a. The need to cooperate in shall g scale usage.
- b. The desirability of teamwork in stacking Paper neatly in a
- c. The reading of balance scales
- d. The responsibility of independently making sure his paper was weighed and stacked.

## 3. Recording Paper Weight

Weight of paper was recorded dily on "total pounds" charts.

Various mathematical skills were led ed or reinforced in making charts and recording poundage.

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## 4. Awarding Badges

Awarding of badges illustrated that effort in protecting one's environment could bring simple material awards, but beyond that, feelings of satisfaction and accomplishment.

## 5. Taking the Total School Count

Each day one child from the project-initiating class went to each room to gather data on the poundage for that room, returning to complete totals for the school.

## 6. Raising a Total Poundage Thermometer

Total poundage for the school was recorded on bar graph
"thermometers" in the main hallway. Each thermometer had a 7,000pound top, which was the approximate weight carried by one truck to
the recycling plant.

## 7. Bundling Paper

The children bundled any loose paper brought and stacked in the storage area. The children learned that paper stacking took the cooperation of the entire school. First, the paper had to be stacked and bundled neatly; then the paper was transported to the storage area in carts and wagons. The children were eager to help each other with the transporting and stacking.

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## WEEKLY STEPS OF PROJECT

After viewing the recycling process in the aforementioned film, the children discussed different locations of paper mills in relation to other geographical-resource areas, such as water and forest. It was decided that the Georgia-Pacific Pulp and Paper Mill in Bellingham, Washington, would



be the best depository for the paper.

The children were not able to tour Georgia-Pacific since there is an age restriction for tours of twelve years and older. During the time period of the project, the paper making and recycling process was studied through films, pictures, and books.

Appointments were made with Georgia-Pacific for bringing the paper to their recycling plant. (About once a week a school district truck was taken to Bellingham with 7,000 to 8,000 pounds of paper. For weekly weight tabulations, see appendix.)

## 1. Loading the Truck

Two classrooms of children helped load the truck, along with high school aides, teachers, and the building principal. After the truck was loaded, the children accepted the responsibility of cleaning up the storage area. They especially seemed to enjoy being able to use the custodian's big mops and brooms.

After the first loading of the truck, the class discussed ways in which the process of loading could be improved. They concluded that it was fun to run from room to room, gathering paper, but that it was probably disturbing to other classes. The children were also concerned with the ton-and-a-half of paper which they had stored in their room. Having the paper there took away all of their free area. It was then that one of the children asked the principal if he would establish a central storage area, which he did. In addition to centralizing this aspect of the project, the students redesigned the loading process, cutting loading time from two hours



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to thirty minutes, thus illustrating another important learning spin-off from the project.

## STUDENT INVOLVEMENT

## Mathematics

- Reading scales. Each child learned to read both bathroomtype spring scales and balance, or springless, scales, and in the process learned some of the basic principles upon which the function of such scales is based.
- Addition-Division-Multiplication. Each child maintained a running total of his own poundage. Each day a different child gathered poundage from the various classrooms, and learned to transpose numbers from verbal to written form. In compiling school-wide totals, the children gained practical experience in using 5- to 6-digit numbers. Further, children developed and used a formula for determining the number of average pulp trees saved for future use.

total weight of collected paper number of trees represented number of pounds of paper (120) produced from average pulp tree

Thermometers. In the main hall of the school, paper thermometers were hung to maintain a constantly changing record of paper poundage. Each thermometer recorded 7,000 pounds, the approximate weight of a truckload of paper. After the preliminary thermometers were made, and during the latter stages of a measurement unit in math, the children learned to make the paper thermometers. By using yardsticks and measuring tapes, the children not only became acquainted with additional instruments of measure but also with how to construct a measuring instrument of their own--the thermometer. They learned the function of these instruments through practical application to real problems with which they had to

#### Language Arts

Creative writing. Since early in fall quarter the class used natural things in our environment as subjects for their writing. The first experience at composing stories proved painful for some children, bringing tears to the eyes of two. They had not previously been exposed to composition, but rather were used to copying or summarizing other stories. Before writing additional stories, discussions were held emphasizing the nearness of nature's wonders, even in the city schoolyard. One particularly stormy Northwest day, the weather was observed beyond the classroom. The two children that experi-



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enced frustration on their initial writing attempt were taken outside, where they looked closely at raindrops, rocks, grass, and the trunks of trees with moss and lichens. Upon returning to the room these children appeared all smiles and very eager to write their own stories.

At present the children exhibit a quite sophisticated feeling for relationships within the environment. Due to the paper project, trees seem to be the major focal point for their writing. (See appendix for samples.)

b. Letter writing. As the project evolved, many questions arose within the class about the recycling of paper and other resources. Examples are: How is the printing ink removed from the paper? What kinds of paper are produced in the recycling process? Why haven't more people done things to conserve resources?

Inasmuch as the children were too young to tour Georgia-Pacific, the next best thing available was to write, seeking answers to their questions. (See appendix for samples and reply.)

#### 3. Music

As a motivational device—and for pure pleasure—one of the teachers who became involved in the project wrote the song "The Paper Packers of Mary Purcell." (See appendix.)

#### 4. Art

On many occasions we used trees for our subject for an art lesson. We went for walks before we started the actual art project, and on these walks we touched trees, looked closely at them, and compared them with each other. The children observed the following:

Trees are thin and fat.
Trees are tall and short.
Trees are straight and twisted.
Trees are rough and smooth.
Trees have many different shapes of leaves and needles.

The knowledge the children acquired on these walks was incorporated into art lessons. The art lessons helped to develop an



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awareness of differences and similarities. The children were able to interpret and express their new-found ideas through their art.

#### 5. Science

The instructor incorporated the study of trees in the area of science through the process of inquiry. Samples of questions are:

- a. What is a tree? (Through inquiry develop the concept that there are three parts to the tree-the crown, trunk, and roots.)
- b. How are trees like humans?
- c. How does a tree leaf benefit man; how does the tree itself?
- d. How do trees use water?
- e. What different plants do we have in the schoolyard? Which are evergreen, deciduous, conifers, broadleaves? (Have the class develop their own classification key to trees and plants.)
- f. Why do some leaves change color in the fall?
- g. How do soil temperatures affect plant growth in the forest?
- h. Is soil living or dead? Examine a piece of soil. Do living organisms live in the soil?
- i. How do soils differ?
- j. How do trees help living things?
- k. How can you tell how old a tree is?

1. What things are made from various trees?

Several of the rooms in our school took field trips to the State Forest to plant trees. By doing this they were able to actually take a personal part in maintaining and restoring our forests. Field trip arrangements were made through Dale Thompson, Washington State Department of Natural Resources, Sedro-Woolley.

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In science, the children have been able, with increasing confidence, to transfer the paper-tree relationship to other resources.

One such example: the amount of bauxite ore (approximately 4 pounds) and alumian (approximately 2 pounds) needed to finally produce 1 pound of aluminum.

#### 6. Social Studies

Inasmuch as social studies encompass all aspects of the study of man, this project and its topic has served primarily as a foundation upon which to build an elementary examination of the attitudes and values of men with respect to their environment.

In studying communications, the primitive and modern methods of paper making were compared in relation to technological advancements and to the needs and wants of man during those different eras.

Paper can be made in the classroom. (See appendix.)

After studying how paper relates to our environment, most of the children in the class seemed to be more conservative with their usage of paper. I often heard one child telling another to save his paper and use the back side.

We have always had a scrap box for art but its use really increased since this project began. The children were very careful
to use the recycling box instead of the waste can for any paper that
is unusable. Different children took the responsibility for checking
the waste can for recyclable material.

In summarizing the children's involvement, I feel that at the present time the environmental aspects of elementary education cross the entire

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spectrum of subject areas. This fact is seen as both gratifying and frustrating. To the extent that decisions need yet to be made concerning the scope, sequence, and integration of environmental education into the existing curriculum (or the ought-to-be), the project has proven frustrating. It has proven very gratifying, however, when we consider the multidisciplinary approaches that can provide so many opportunities for giving the generation now in school a much greater desire to live with the environment of which they are a critical part, rather than simply to use it.

#### STAFF INVOLVEMENT

- 1. Each teacher was involved by helping his class weight in, by giving out badges, and by helping to maintain room paper poundage count.
- Several staff members not involved in the Institute have gone on to start development of more environmentally oriented learning experiences. The teacher who wrote "The Paper Packer Song" is one of these.
- 3. Field Trips to State Forests

It is hoped that increasing numbers of classes will become involved in this kind of project. The Forest Service personnel do an excellent job of explaining their reforestation process to young children. The Mary Purcell children got involved in planting trees, which will aid in preparing them for participation in the school beautification project this fall.

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4. As the project developed and some staff members became aware that
the project would result in monetary returns, there were a few who



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went directly to the principal, requesting expenditure of the potential funds for various items for their individual classrooms.

The children did not realize until late in the project that money was involved; they recognized that their purpose in the project went beyond remunerative rationale.

As more and more staff discussions concerned the question of what to do with the money, a decision had to be made. The day of the meeting, the project-originating class discussed different ways the money could be used. Among those ways mentioned were:

- a. To plant trees somewhere.
- b. To carpet part of the school.
- c. To buy paintings for the school.
- d. To buy games.
- e. To buy environmentally oriented books for the library.

Seven staff members met to discuss the children's ideas and other possibilities, and decided to incorporate several of the classes' ideas into one. Inasmuch as several of the ideas of the children were aimed at improving the school environment, it was decided that the funds derived from the project would be used to develop an arboretum around the school yard. Each classroom would be given a certain area for designing and carrying out landscaping improvements. This phase of the project was to be carried out in cooperation with school district grounds keepers and community landscape persons.

Thus another area of environmental learning could be developed.

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#### COMMUNITY INVOLVEMENT

- 1. Parents have been involved throughout the project by helping to collect the paper and transport it to school.
- Citizens who do not have children in school called the school to have someone pick up their paper.

#### Chamber of Commerce

On May 25, 1971, four children from the project-originating . . . class went downtown to talk to Bus Junquist, President of the Chamriginari da deliminari kelimi, anjarangan di gandak di dipenderang ipandak njangan ber of Commerce. The prime objective of this visit was to attempt uzin intigan spiringa uni to get the community more involved in environmental responsibility nakon seri seri kalendaran berasa through the establishment of a recyclable can and bottle pickup center. Mr. Junquist had newspaper articles and some pamphlets from different recycling places to share with the children. The children wanted a දෙල් මෙම දැකි කතුම දින්ම වේ මහත් වේ මහතුමක හැකි මහතු ලිනු වන මෙල් කැ community area to deposit cans and bottles. Funds earned from this project would go into a general community beautification project. One child had a project suggestion all lined up: he felt the roadside Lions' Park should be renewed with plants and trees.

Mr. Junquist pointed out that for aluminum recycling, both children and adults would have to be able to identify aluminum.

He pointed out that aluminum cans are non-magnetic--a magnet will not stick to their sides. All-aluminum cans "crinkle" easily in the hand. All-aluminum cans do not have a side seam, and are rounded and indented.

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The Reynolds Aluminum Can Recycling Plant, in addition to paying for empty all-aluminum cans, will also pay for aluminum frozen-



dinner trays and containers, aluminum margarine tubs, and aluminum cans which held dips, meat products, puddings, custards, and other snacks.

Since at this point the school year was almost at a close, the group of children felt it would be better to start full-swing with this project the following fall. Mr. Junquist suggested that after we had things planned out, we might have Bob Cockburn from the local newspaper take pictures and do a write-up about the new project proposal with the end result to be beautification for Sedro-Woolley.

Mr. Junquist volunteered his truck for transporting cans, etc. He mentioned that he was sure there were other businessmen who would be happy to donate trucks to help with transportation. He had looked into the locations of the different recycling plants and had found the one in Burlington to be closest.

- 4. Mr. Bob Cockburn, the local newspaper photographer, was involved by taking pictures of our project.
- 5. Resource People

Many resource people were used throughout this project. The following were contacted for different stages of the project.

Mr. Warren Mowry
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P.O. Box 1236
Bellingham, Washington 98225



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Mr. Dale Thompson Washington State Department of Natural Resources Route 4, Box 17 Sedro-Woolley, Washington 98284

Mr. William Rivord (for plant life slides) 504 Talcott Street Sedro-Woolley, Washington 98284

Mr. James Evans Northern State Hospital Greenhouse Supervisor Northern State Hospital Sedro-Woolley, Washington 98284

Mr. B. D. Dupris
City Park Department
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Mr. Jerry Sommerseth Environmentalist Sedro-Woolley High School Sedro-Woolley, Washington 98284

Mr. Richard Allen Forester's Office Scott Paper Company Hamilton, Wasnington 98255

Mr. Bill Franz
Forester's Office
Scott Paper Company
Hamilton, Washington 98255

#### PROJECT FOLLOW-UP POSSIBILITIES

There are several important experiences under consideration at this time. The first follow-up activity next fall will be the application of the money derived from this project to the development of an around-the-

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school arboretum, and will include correlated learning activities. Some of these correlated activities may include learning more about diversified types of trees, flowers, soils, and fertilizers, as well as planning, planting, and maintenance.

A continuation and extension of the paper recycling project holds much promise. It is hoped that the current project will be maintained annually, at least within this school, and perhaps extended throughout the school district. It is also hoped that the preliminary groundwork laid with the Chamber of Commerce for a community bottle and can deposit center will bear fruit.

Basic to all the above ideas is the fundamental purpose of the Sedro-Woolley Environmental Education Project, which means that the major effort for 1971-1972 will be the development of better ways and means for incorporating a broader environmental education spectrum into the primary grades curriculum.



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"What Is a Tree?" ACI Films, Inc., New York, New York (color, 7 minutes).

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## APPENDIX

Instruction sheet for making paper Children's letters of inquiry and response Children's stories "The Paper Packer's Song" Tabulation of weight receipts from Georgia-Pacific



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#### How To Make Paper In the Classroom

- 1. Bring clean scraps of white linen to school. Cut these into little pieces about one-half inch square. Pull the threads apart. Cut the threads into very tiny bits. You will need nearly a quart of these tiny threads. (Let children help.)
- 2. Dissolve a stick of caustic soda (lye may also be used) in six quarts of water. Caution: caustic soda is poisonous. It must be handled carefully.
- 3. Stir the tiny threads into the water and caustic soda.
- 4. Boil the tiny threads in the water and caustic soda for about eight hours.
- Rinse the rags thoroughly in three waters. Pour the mixture into a colander.
- 6. If you want the paper tinted put the pulp in water which has dye in it. Then rinse the pulp after dyeing it.
- 7. In a large pan mix six quarts of water, eight tablespoonsful of starch, four of liquid glue, and one of blueing.
- 8. Put the pulp into this mixture and stir it with a paddle or stick.
- 9. Dip the mold into the liquid. Lift it out carefully and let the water drain back into the pan. (A small mold is best for classroom use.)
- 10. Turn the thin layer of pulp out of the mold onto a piece of felt. Put another piece of felt on top of the layer of pulp. Run them through a wringer if possible to squeeze all the water out.
- 11. Put the layer of paper on a piece of cloth (cheesecloth is good) with another layer of cloth over it, and iron with a hot iron until it is quite dry.
- 12. If you want a smooth finish, take away the cloth and iron the paper entirely dry.

In order to be able to write on the paper with ink, a sizing must be applied to the sheets of paper. It may be brushed on, or the sheets may be dipped. To make the sizing, dissolve a package of gelatin according to the package directions. To a pint of the dissolved gelatin add one-half ounce of alum as a hardener.

An easy method of making paper in the classroom is done with pulp obtained from a pulp mill. Samples of bleached and unbleached wood pulp, processed and ready to use, can be secured from the various mills in our state. Some mills will help you by supplying information and material to aid you in your unit.



may 1319

I Want to Know how you make the ink disappear on to paper. Do you soak the paper in detergent or some thing. Roes it make the water smell like pollution. Major you can send a letter back soon by.

Sincerely, Carol Thompson mary purcell School room 11 Sedro woolley, Washington 98284.

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# MAY 13 + 1971

Dearsir

get the inkoff of the paper.

And how you change the wood into paper.

Sincerelyyours
Heidi Jordan
Mary Porcell
Room#11
Sedro Woolley
Wash tion 98284



May 1224 1971

Dear Sir,

How do you recycle

paper? How do you get

the int off the paper?

How do your machines wort?

How do weigh the truck?

How do you get the paper with

Sincerely, Belinda Brown
Mary purcell school Room II

Sedro-wolley washington 98284



May 13 197 ear Sir, When you wash the pulp ow do you get the water at all?

Ner? We would like to know when you put in the paper in the achine and how you do it ien do you usay get a broken down Ine? We Would like to know it you suld like to take some pictures of the tactory for our class and send ther chack to us. Sincerely yours myllartindale y Purcell Sewl dro wolley wosh 98284



P.O. BOX 1236 • BELLINGHAM, WASHINGTON 98225 • 206-733-4410

May 18, 1971

Mrs. L. Lundgren's Class
Room 11
Mary Purcell School
Seventh and Bennett
Sedro Woolley, Washington 98284

Dear Students:

I am writing this letter to answer each of the questions asked in your letters about making pulp and paper and recycling paper to make more paper.

We make pulp here in Bellingham from logs by first removing the bark from the log. We burn the bark in our boilers to make steam. The logs are made into small wood chips, which are cooked with a special liquor we make from limerock and sulphur. The pulp is bleached to a white color using several chemicals, including the same chemical that is in Purex or Chlorax, used to bleach clothes in your mothers' washing machine.

When we finish bleaching the pulp, we dry it and press it into bales about 3 feet by 3 feet and one foot high. We ship the bales of pulp in rail cars to the Eastern United States and by ship to other countries.

I am enclosing a sheet of pulp for each of you to see.

We also make tissue paper and paper towels from the pulp here in Bellingham. The pulp is mixed with water and spread in a thin sheet before drying on steel rolls.

To make boxes for the tissue and the cores in the middle of the tissue and paper towel rolls, we use waste newspaper collected from Whatcom and Skagit Counties. Over 50 groups, such as boy scouts and campfire girls, collect the paper and sell it to the pulp mill. I have also enclosed a copy of a newspaper advertisement with additional information on pollution control and recycling paper.



Mrs. L. Lundgren's Class Page Two May 18, 1971

The paper must be delivered, and people bring it in trucks with from 500 pounds to 5 tons of waste paper, magazines, and cardboard boxes. The trucks are weighed on a big scale before and after the waste paper is unloaded.

Ink can be removed from waste paper by heating it in a chemical solution. After de-inking the paper, the solution must be treated very carefully to prevent pollution. To make the paper whiter, it can be bleached, just like pulp is bleached.

We offer tours of our pulp and paper mill here in Bellingham for students 12 years of age and older. We can arrange class tours during school days throughout the school year. We also offer tours for visitors during the summer months, June, July, August and September at 2:00 each afternoon.

I hope this information has answered each of your questions and that you will have an opportunity to visit our pulp and paper mills here in Bellingham.

Sincerely,

Ed Dahlgren

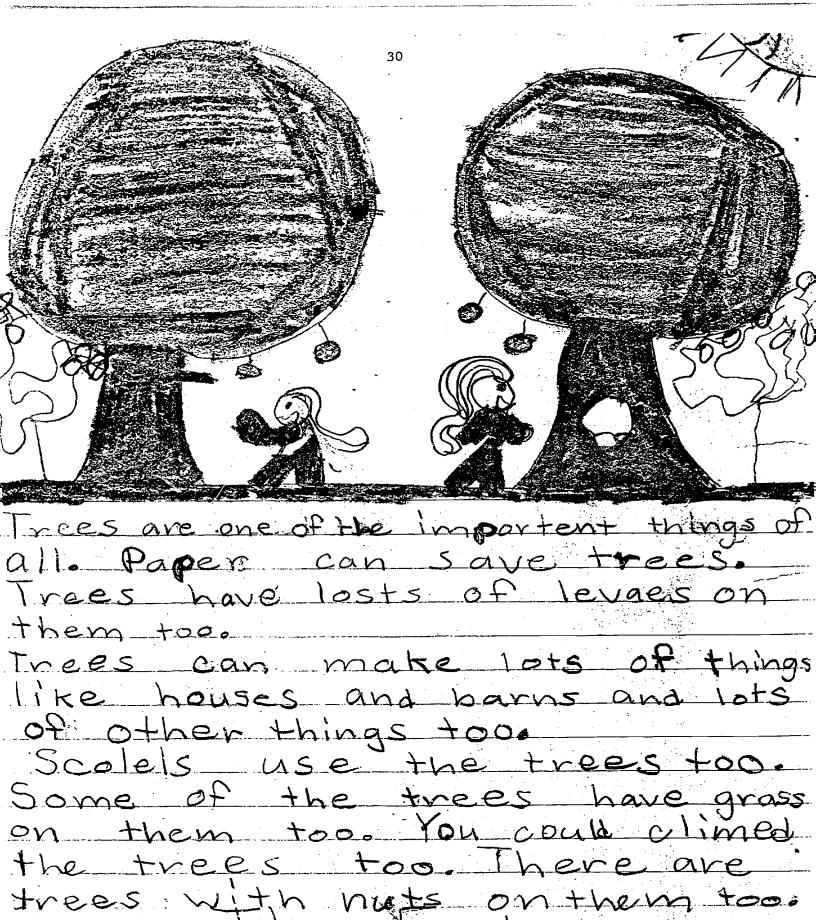
Technical Director

bjm Enc.



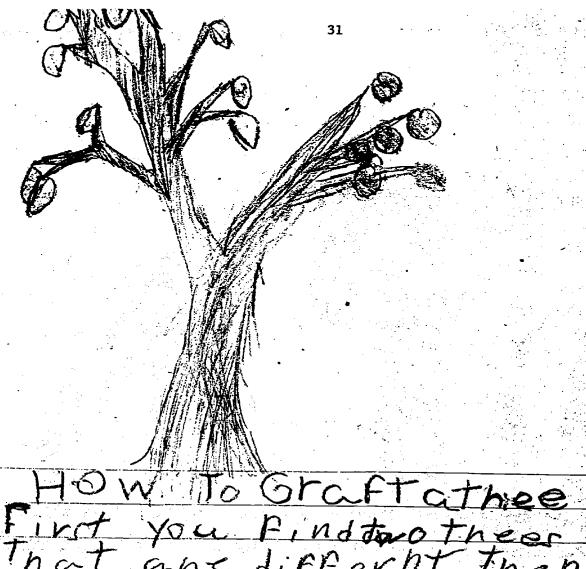
The Ocean The Ocean is a mocean that you will neverforget Becacise Like to jump and bump against the ocean floor. And I see trout and ever more Andsting-raxs a snoon. And it had to be me to see ashark. the shark said hark And then he said Oh Joy oh Joy-I hear a box. Donald

Birds The birds wistle throw the air. I wish that I could fly and hear. I would like to sing and hear and jump and wetlethrow the air, and springan wing throw the air. As it I were abino



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Ross.



First you Findtwothers

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Where abvanch comerto Part

On ohe thee cut It off inav shape

Then on the other tree Doffnerame

Things Now take one Branch

and stick it in the other Trees V.

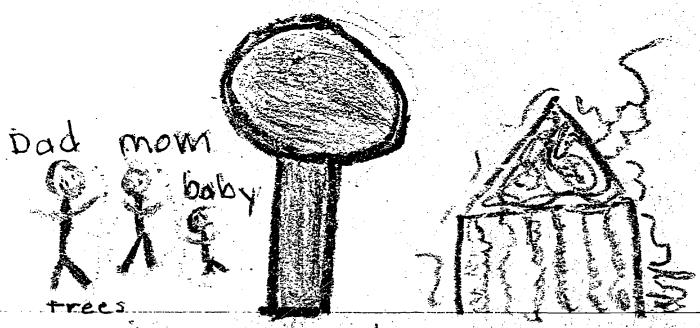
now take some string and way it

around the V. Thantake come wax

and pour it over it. The End

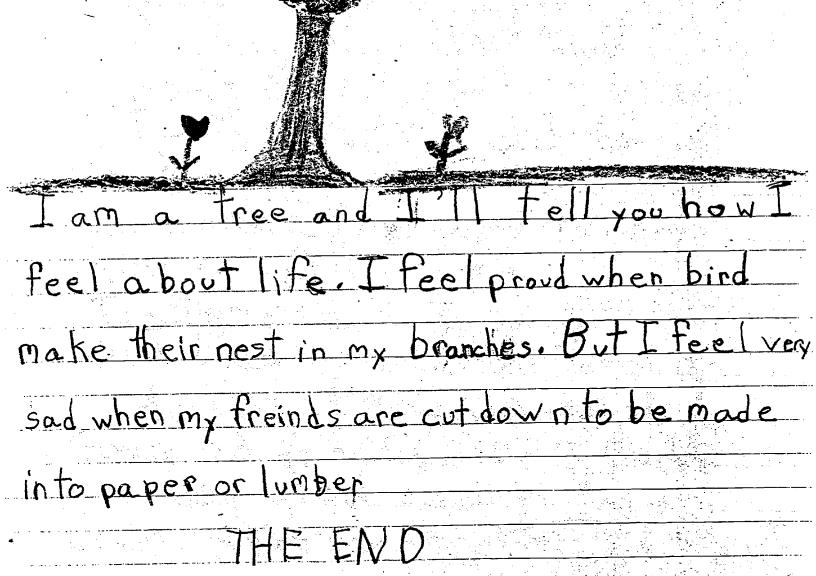
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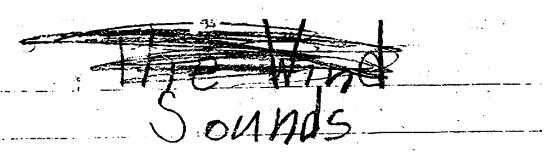


Trees have bart and sometimes they have smooth bark and they have rut bark there are all kines of threes to see in the world. But there is one I like and that is the apple tree do you know why I like apples trees beacuse you can pich them off of a tree and east them and I like apples beautise they are so jusey and very red and I like apples very wery much.

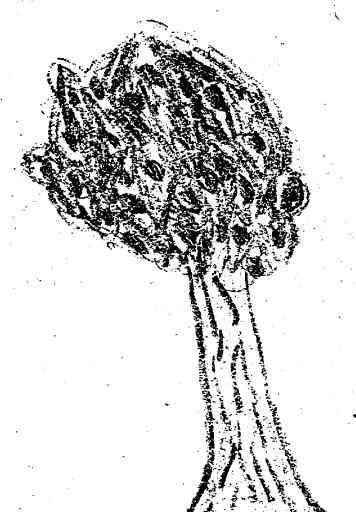
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by Patricia wentz



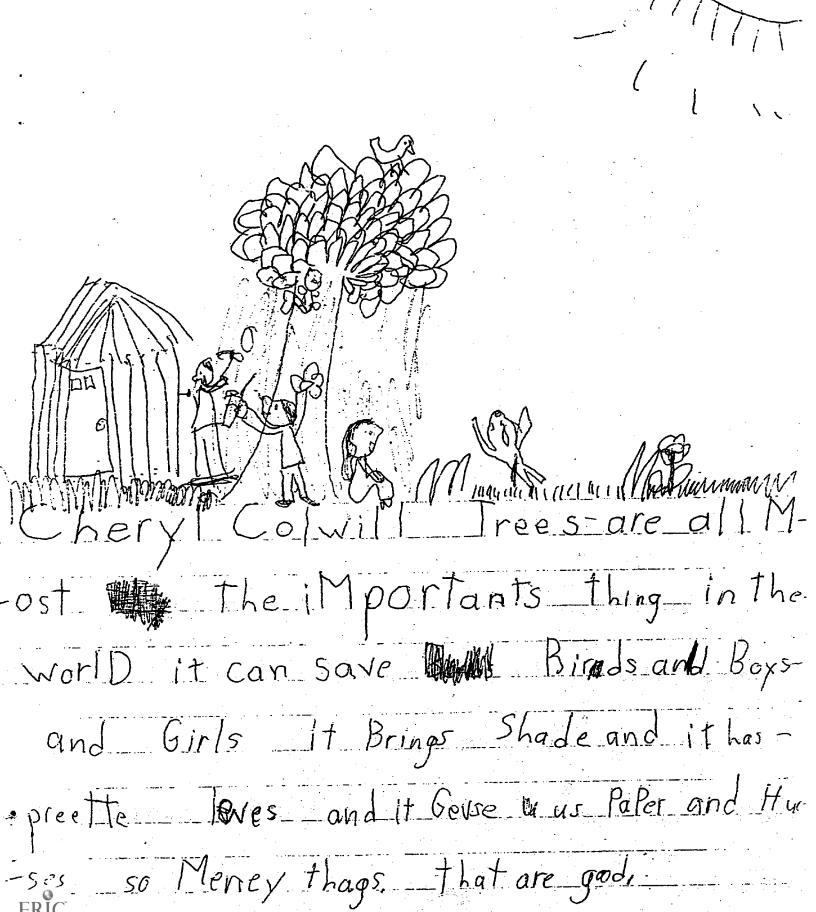
the sea is a sound and soisthe wind, so is the tre that looks so sad it hangs over but that does not matter it Just lets the wind blow threw it. It does not have acarefor the wind, but Idoo the seamakes a noise that sounds so strange it books not care, but Ido. I doke no don't think that the wind is so great but it does help you This breathego breath good

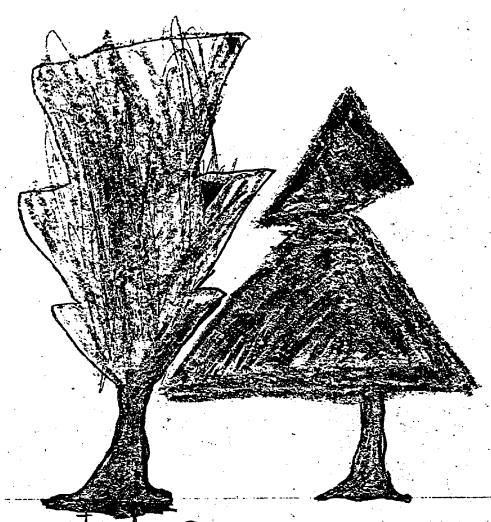


A fruit tree is good for eating. And it gives lots of kind of fruit It gives apple sand pear sand other things lik that there is many kinds of fruit trees

Bén Houghton

The Wind The The wind blows almost ever dry at our house and then we ont go out side and play to play or else you will Get a cold you can not see the will d but xoll can hear it The end





A cocanal tree

A cocanat tree is a nough.

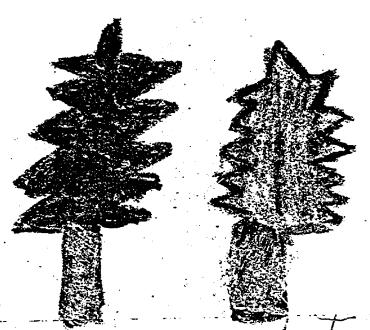
When the cocanat tree is shocked the cocana

fall on your head.

Cocanuts are good to eat and good and sm

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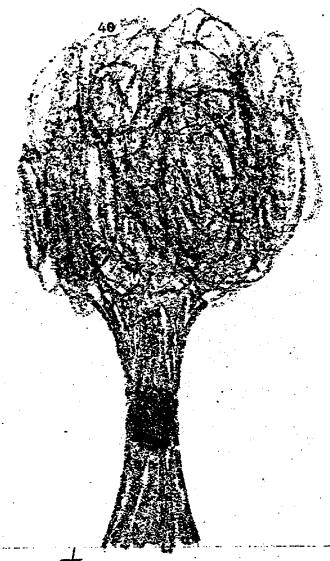
39



Lam a tree and Lam a
big tree. Live in the forest
with other big and little trees.

My name is pine tree Lam called
pine tree because I have pine cones
on me. My bark is very ruff too.

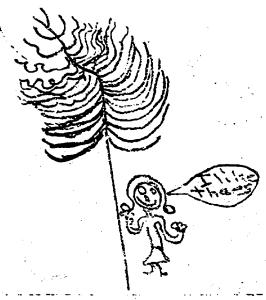
Belinda Brown



The Cear tree.

The Cedor tree helps us by Shade, they work very well in Yards, football feelds, and many other things. Trees help leople.

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And also it makes our aire

And When were bot we can six under it.

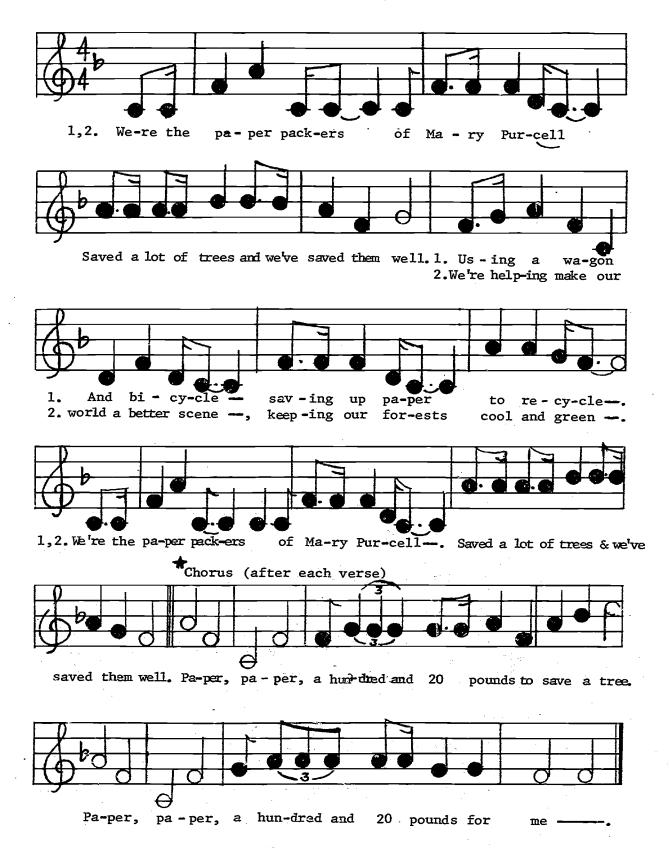
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helpful to some people and se the Graffe It helps hex could read chase it Daber: Paper is a helpful echase training help you get eage. A M trees to it all

How trees Kinds of trees help bees to make their little nes big trees. How trees help the birds wings. Jome some are rough smooth trees are al 101 they are in erent places too.

## THE PAPER PACKER SONG



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TABULATION OF WEIGHT RECEIPTS FROM GEORGIA-PACIFIC FEBRUARY 24 THROUGH JUNE 1, 1971

| Date        | Type of Paper | Pounds |
|-------------|---------------|--------|
| February 24 | Newspaper     | 8640   |
| March l     | Newspaper     | 7880   |
| March 9     | Newspaper     | 7880   |
| March 17    | Newspaper     | 8080   |
| March 31    | Newspaper     | 9050   |
| April 16    | Newspaper     | 8720   |
| April 29    | Newspaper     | 8820   |
| May 17      | Newspaper     | 6490   |
| May 17      | Cardboard     | 1450   |
| May 26      | Newspaper     | 8150   |
| June 1      | Newspaper     |        |