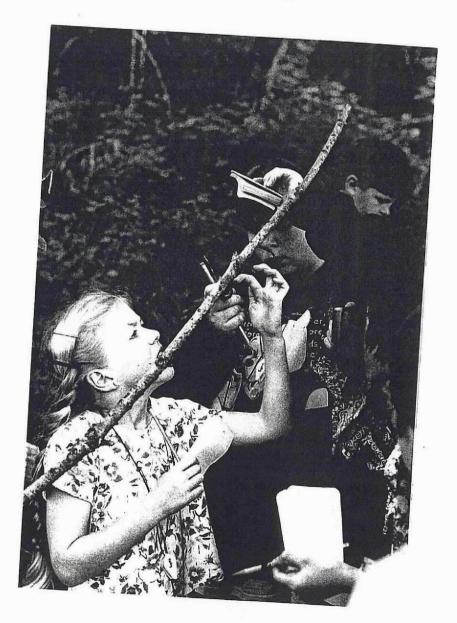
# Wonders of Forest Ecology

Sponsored by U.S. Fish and Wildlife and METRO



#### Greenspaces Environmental Education Projects

Final Report for : Wonders of Forest Ecology
Project Manager: Elizabeth Draper, Kelly Elementary School

#### 1. Written Summary of Grant

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During Fall and Winter terms, 1997-98 and 1998-99 school years, two classes of 30 students (grades 3 and 4/5) from Kelly Elementary School learned about Forest Ecology in the classroom. Some of the educational experiences included participating in Bureau of Environmental Services (BES) programs, such as Wetlands, Stream/Walk, Watershed, and Riparian Zone. Portland Audubon Society presented programs on tracking, habitats of animals, amphibians and reptiles, and birds of Oregon. These activities provided hands-on opportunities for students, as well as written and art components. Students also participated in field studies to Tryon Creek State Park (studying decomposers of the forest), World Forestry Center, Magness Tree Farm (exploring forest habitats), and Audubon (comparing ancient forests to second growth forests). Other partners included Talk About Trees, Waterstock '99 (facilitated by Milwaukie High School Ecology students), and Cascade StreamWatch provided through Wolftree, Inc.. Cascade StreamWatch involved an in-class presentation, as well as a study trip to Wildwood Recreation Area along the Sandy River.

Throughout the last two years, Kelly students also participated in planting 1,400 native trees and shrubs along the Springwater Corridor. Partners for these plantings included Lents-Springwater Habitat Restoration, Portland Parks and Recreation, Americorps, Wildlife Stewards, and Kelly families.

Each year the project culminated with a mini-outdoor school experience where students spent one night and two days at the YMCA's Camp Collins. Through all the previous activities, the students learned the forest ecology concepts, such as diversity, interdependence, cause and effect, change, cycles, and stewardship skills that would enable them to have a more meaningful experience.

To encourage family involvement, family meetings were held prior to each of the outings. The purpose of these meetings was to present project goals and student expectations, solicit chaperones, and define curriculum and community connections. To better prepare students for Camp Collins, introductory sessions about forest ecology and community building skills were held. The first year, students went to Oxbow Park where Metro staff facilitated hands on learning opportunities pertaining to the forest and riparian zone. The second year, Lisabeth Neeley of Metro and Michael Knight of YMCA met with Kelly students to teach and enhance tracking and cooperative skills.

While at Camp Collins, students learned the importance of diversity in a forest

and how plants and animals in a forest are interrelated and interdependent. They also learned how to identify a variety of animal tracks and signs, and the ways in which people can have a minimal impact on the natural environment. Students experienced a sampling of a program created by Steve VanMatre, "Acclimatization," which helps students build a sense of relationship – through both feelings and understanding – with the natural world. Students participated in several community-building activities that required planning, listening, communicating, leadership and respect for diverse opinions while moving toward a common goal.

To facilitate this learning, students were placed in small groups of eight or less. They rotated through three sessions daily, and were supported by at least three adults, including the instructor. During and after each session, students were required to reflect, describe and evaluate their experience, using words and drawings. They were also asked to emphasize information new to them. Later, students used their journals to review their experiences and to illustrate a particular activity, memory or discovery to illustrate their perceptions of Camp Collins.

A video was created by using several photographs from our Springwater Corridor plantings and the four overnights at Camp Collins. One evening in June, students and families were invited to view this video and to relive the memories captured throughout the past two years of "Wonders of Forest Ecology". Student's writings and artwork were displayed in book form. On display also were the tracks that students had cast at Camp Collins. This provided students an opportunity to show their accomplishments to their families.

#### 2. Written Evaluation and Comments

#### What Worked Well/Helpful Hints

Students received proper preparation to build a knowledge base for a successful overnight forest experience.

We had plenty of parent, family, and volunteer support.

We were able to secure quality specialists to work with our students.

Students journaled with the idea that their work would be used for state required writing and speaking assessments.

All of the activities outlined above went well due to strong pre-planning, including time allotment for each activity/session, but at the same time, allowing for flexibility, if needed.

Developing and nurturing partnerships with individuals and programs that are complementary to our project studies.

Students who struggle with the classroom environment seemed to demonstrate more success and enthusiasm for learning in the projects experiential settings.

Students learned and experienced the idea that working together is more effective than individuals working on their own.

#### What Did Not Work

We discovered in the first year that we used too much of the special sts' time for activities that could have been completed prior to meeting with them. The second year, preparation time was more extensive, and time with the specialists was more focused and effective.

Partnerships:

<u>METRO</u> – Deb Scrivens and Lisabeth Neeley donated several hours of expertise and training to our students in tracking, recognizing animal signs and general forest etiquette.

<u>Portland Park Bureau</u> – Steve Bricker helped organize materials and instruction of tree and shrub plantings.

<u>EPA</u> – Ralph Rogers –donated several hours of teaching our students about second and old growth forests.

YMCA - Michael Knight - Spent many hours with our students building skills for successful communication and teamwork.

<u>Lents-Springwater Corridor Habitat Restoration Project</u> – Spent many hours of time and energy planning and helping to oversee planting efforts with our students along the corridor.

<u>Bureau of Environmental Services</u> – Provided programming for our students while studying riparian zones, wetlands, watersheds, and native and invasive plants.

OSU Ext., Wildlife Stewards – Helped with tree plantings.

<u>Americorps</u> – Helped with tree plantings.

Portland Park and Recreation - Donated the use of vans each year.

<u>Talk About Trees</u> – Provided informative program on trees.

<u>World Forestry Center</u> – Provided several hands-on forest experiences for our students.

<u>Tryon Creek State Park</u> – Engaged students in field studies of forest decomposers.

<u>Portland Audubon</u> – Instructed students with a variety of their forest programs.

<u>Wolftree</u> – Day spent in the forest collecting data and making observations.

## **METRO REGIONAL PARKS & GREENSPACES**

# REQUEST FOR REIMBURSEMENT GREENSPACES ENVIRONMENTAL EDUCATION GRANT

#### **BILLING FORM**

Organization:	
Kelly Hementary School.	
Address: 9030 St Cooper.	
City/State/Zip Code Fortland OR 97218	
Project Title: Wonders of Forest Ecology	
Metro Contract Number:	
Local Project Manager: Elizabeth Draper	
Signature of Project Manager:  Elizabeth Draper	
Date Submitted Billing:	
OVER→	
Return Billing Form To:  Lynn Wilson  Metro Regional Parks & Greenspaces  600 NE Grand Ave.	
Portland, Oregon 97232-2736  Have a Question? Call: (503) 797-1781	

### YMCA of Columbia-Willamette

**Camp Collins - Invoice** 

3001 S.E. Oxbow Parkway • Gresham, OR 97080

503) 663-5813 • Fax: (503) 663-2323



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Kelly	Elementary School	ol .					
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	and OR 97266		1	First Me	al	L	ast Meal
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### YMCA of Columbia-Willamette Camp Collins - Invoice

3001 S.E. Oxbow Parkway • Gresham, OR 97080



(503) 663-58	813 • Fax: (50	3) 663-2323		M		<ul><li>strong c</li></ul>	communities.
Invoice #:	99-046	Date: Jun 7, 1	1999	Group # 00	550 <b>Re</b> s	servation	# R0158
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Phone 916		Fax			Total # of ]	Meals 3	
Quantity	Description					Rate	Total
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Additional	Information				Total C	harges	\$1,120.00
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### **METRO REGIONAL PARKS & GREENSPACES**

## REQUEST FOR REIMBURSEMENT GREENSPACES ENVIRONMENTAL EDUCATION GRANT

#### **BILLING FORM**

Total amount awarded \$5	200
Organization: Kelly Elementary School	
Address: 9030 SE Cooper .	
Portland, OR. 97266	
Wonders of Forest Ecology	
Metro Contract Number:	
Local Project Manager: Elizabeth Draper	
Signature of Project Manager:  Elizabeth Draper	
Date Submitted Billing:	
*	OVER->
Return Billing Form To:	Lynn Wilson Metro Regional Parks & Greenspaces 600 NE Grand Ave. Portland, Oregon 97232-2736
Have a Question? Call:	(503) 797-1781
	See PB for billing 83.99 39.00

ACORN NATURALISTS

17300 East 17th Street Suite J-236 Tustin, California 92780 Phone (714) 838-4888 Fax (714) 838-5869 Page Date Order No.

1 08/28/98 30857A

Elizabeth Draper 4705 NE 72nd Portland, OR 97218

**Media Code** Sales I.D. Reference # Customer No. PAID BY CREDIT CARD R 25221 Total Wt. Ship Via **Phone Number Credit Card Number** 4833 9800 0135 9239 005746 (503) 257-8910 2.3 Lbs 5 UPS

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	1	ø "	1	B-109	ADVENTURES WITH A HAND LENS 5.950-	5.95
	1	0	1	B-800	ADVENTURES WITH A MICROSCOPE 5.950-	5.95
	1	0	1	B-6246	EXPLORING WITH THE MICROSCOPE 14.950-	14.95
	1	0	1	T-2705	18 PRIVATE EYE LOUPES WITH 49.500-	49.50
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April & May of 1999 - Camp Collins

	Libril	a may of	, , , ,	
NAME	Initial	Date	Hours	Activity
Deb Scrivens			9 hrs x# 30	Tracking w/SS
Lizabeth Neely			14 hrs x\$130	Tracking w/ss
Bob Mann			75 hrs x \$30	Forest education w/SS
Jim Gorter			36 hrs x \$30	Forest education w/5s
Julie Barbour			82 hrs x#28	Teaching, co-ordinating
Elizabeth Draper		·	90 hrs x 26	and monitoring students
Traci Cook			10 hrs x#18	Coxordinating evening activ
Becky McAlister			24 hrs x \$ 15	Chaperoning
Erica, Cohen				Assisted w/both overnights
David Hooker				Chaperoned w/overnight
John Keeling				chaperoned wovernight
Riva Knowles			32hB\$ 5,50	Assisted teachers
Jennifer Thompson			38 hrs x\$ 5,50	Assisted beachers
Jennifer Thompson Ruth Williams			6hrs \$ 30	Monitored sessions
Bruce Roberts			35 hrs x \$15	Chaperoned gradents
Vanna Wong			4 x 12	Vietnamese translator
Kristy knowles			37hox #15	Monitored students
			628 hrs	\$12,719
Eliot Scott			32 x 5.50	
Aaron Erickson			32 x \$5,50	
J 1		-	692 hours	\$13,071 in Kind
9				

May 1998 Camp Collins

NAME	Initial	Date	Hours	Activity
Deb Scrivens			16 hrs. x\$30	Instructing tracking &
Lisabeth Neely			16hrsx \$30	tracking W/Ss (60+88)
Ralph Rogers			86 hrs x 435	Field studies w/ 60+35
I'm kennett				Chaperoning & Assisting teacher
Gaylene Messinger	*		32 hrs x \$15	Chaperoning & oussisting trachers
John Danielson			24hrs x \$30	Assisting Ss w/ Freld studies
Traci Cook			36 hrs x 415	Assisted of teaching
Bonnie English			82hvs x#28	Munitored a assisted ss
Julie Barbour			85 hrs x \$28	Teaching, co-ordinating of
Elizabeth Draper			95 hrs x#26	monitoring So
Tim knapp				Chaperoned & assisted teacher
Aaron Enckson				Assisted teachers
David Kidd				Monitored & Assisted 35
Joseph English			•	Assisted teachers
Dian Lockman			20hrs x# 15	Assisted Specialists
Kristy knowles				Monitored + assisted Students
. /				\$ 15,520 in Kind
T.				
U				
				1

NAME	Initial	Date	Hours	Activity
Attached names of		91-13:98	ahrs.®	tree planting
students That			84 student	)
participated in the				
participated in the NOV, 13, 1998 \$			168 hrs.	#924,00
March 1998				
plantings		·		
1		3.98	4.5 hrs0	
			54 students	
T.			243 hrs.	\$ 1,336,50 in KA
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TOTAL BOYS: 12

TOTAL: 28 x 2 hrs. = 56 hrs.

56 hrs x#5.50=# 308

GIRLS: 1,22/

March 1998 & November	- 13th Planting	along Sp	ingwater Corridor
GRADE: Mixed Age 4th & 5th	98		
TEACHER: Barbour			
ROOM: 113			
BOYS 4th	GIR	LS 4th	
Ha, Alan	- Craun.	Bethany e	
Knechtges, Clayton -		ws, Amanda	7
- Leon, Gilbert Carreto Max	WEDLING TO THE PARTY OF THE PAR	n, Minh	
- Ma, Hung	- Serran	o, Karen 🚈	
Speer, Daniel	South,	Shazline 🛷	
Stinnett-Hutson Cory	Weave	r, Mallori -	
BOYS 5th		S 5th	
Brown, Brian		Shannon 1	
Cate, Thomas 2	✓ ✓ Coffey	, Autumn 🐔	
Mattoon, Shawn 3		swood, Les	ey 5
Merritt, Steven		r, Cassandra	
O'Connor, Justin	AMBER STATE OF THE PARTY OF THE	Kimberly /	
H Phan, Steven	7 - 4	iger, Breanne	The state of the s
Post, Matthew 5		Diez, Robert	<u> </u>
Schultz, Robert 4	Tran,	Thao	
Schunk, Shawn 3			
			- Airman
			The same and the s
TOTAL BOYS 4th: 6		GIRLS 4t	
TOTAL BOYS 5TH: 9		GIRLS 5T	H: 8
TOTAL: 29 x 2 hrs = 58 h	<b>ა</b>		
\$8x#5.50=#319			

Field Trips, Springwater Corridor Plantings and Planning & organizing for Camp Collins 1998 # 1999

NAME	Initial	Date	Hours	Activity
Elizabeth Draper		1998/99	60hr. \$26	Phone calls/meetings
				for Camp Collins &
				organizing field studies
Bonnie English		1998	10 hrs 共28	Plana ha da adh a
Julie, Barbour		1998/99	35 ho x 38	Planning meetings
MIPS CAPPOWY		11910/91	30 NO X 30	Planning meetings
Julie Barbour		1998/99	6 hrs. x 24	Pavent Meetings
Elizabeth Draper		1998/99	6 hvs. 2 28	110
Bonnie English	The Polyton	1998	3 hrsx#28	
Elizabeth Draper		1999	12.hrsx#26	Wonders of Forest Ecology
				evening activity
	Tip Garage			J
	19.4	132	43540	
Ralph Roger		1998	15 hrs, \$\frac{1}{2}35	Planning/meetings/drive
Deb Scrivens		1998/99	6hrs.x#30	Planning meetings Campl
Lisabeth Neely		1998/99	8 hrs. \$30	W 7
Jim Gorter		1999	4 hrs. x +30	Planning lessons for Camp
Bob Mann		1999	12hox\$30	" " time anvivo
				Tilamook
		454	16, #1425	
		Total hour	5-177 in	Kind
			#4965	





## **VOLUNTEER OPPORTUNITIES**

# Tree Planting at Kelly School



Kelly Elementary school in southeast Portland near the Johnson Creek Corridor will be planting native trees and shrubs as part of a restoration project. Volunteers needed!

> Date: March 19, 1998 Time: 12:45 PM

Please contact Mary Ann at 725-2048 if you would like more information about this project.

# Reserve April 23rd Day of Service

We're looking for volunteers to work with junior high students for their day of service. Lake Oswego Junior High School has offered Metro Regional Parks and Greenspaces 500+ students for 2 hours, from 9:15-11:15 AM on April 23<sup>rd</sup>, to perform

(Continued on page 7)

# Tyron Creek Watershed Council Stewardship Fair



Date: Saturday, March 14, 1998 Time: 10 AM - 2 PM

Organizers are looking for groups to staff booths at this event. Our policy is to participate in these events if we have volunteers who are willing to help staff booths.

Wildlife Stewards who are working with schools in this region might want to talk to their schools about being represented at this event. We have a display board available for checkout and we are working on a new brochure that may be available in time for this event.

If students are working on portfolios for their schoolyard habitat project this may be a good opportunity for them to share information about their projects including photographs.

If you have any questions or would like to volunteer for this event. Please call: Mary Ann Schmidt at 725-2048.

Dear Families of Rm. 112 and Rm.113,

March 19th our classes will be planting more trees along the Springwater Corridor. We hope to plant over 700 trees that day! We would love to have you come help! We will be leaving school around 12:55 and walk over to the Springwater Corridor. We will be back to school by 3:00. Several of you came to help us in the Fall and we hope just as many of you are able to join us on the 19th. Bring work gloves and come dressed for the weather we will do this planting rain or shine! Kelly kids and their families are helping to create a more beautiful trail and at the same creating increased habitat for animals.

Thursday, March 19th there will be a meeting at Kelly in which John Danielson will be discussing state standards and how your child will be affected. We are trying to get as many parents from our classes to attend. Spring and fall clothes will be available from Hanna Andersen's before the meeting. Child care will be available. The meeting will begin at 6:30. We would love to have your support if you are able

to attend.

If you are able to join us for planting trees please sign the bottom and return.

Thank you for your support!
Ms. Draper, Ms. English and Ms. Barbour

I would like to help plant trees on Mar. 19th and will go to Rm. 112 or 113 to meet the class.

Minh Nguyen November 19,1997

(T)

### Springwater Corridor

On November 13, 1997 on Thursday, we went to the Springwater Corridor so we could plant trees. The trees that we planted were Ash, Alder, Cedar and Douglas Fir. Some of the trees were 2-6 feet tall. Two of the trees are deciduous and two of the trees were conifer. After that we split in to two groups to learn how to plant trees. Ed said it was just a trail but some day it's going to be a park. The trees grow about 100 feet tall, it is going to be as tall as the power line. The Springwater Corridor is pretty darn close to Johnson Creek. The color of the flags were red, white, yellow and blue. The parents came to help too. What we used to help us plant the trees were gloves, shovels, mulch and all other sorts of tools. There was a ditch and a fence along the Springwater Corridor. I planted about 20 trees altogether. Then our class and Ms. Barbour's class said, "Good bye and thank you for helping us plant the trees!"

Hung Ma

November 19, 1997

Draper/ English

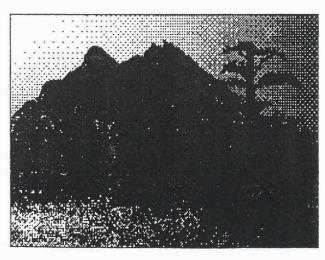
#### Spring Water Corridor

On November 13, 1997, my class went to the Spring Water Corridor to plant trees. Our class went with Ms. Barbour's class. When we got there, Ed told us about the Spring Water Corridor. Then we split up into groups and started to plant. The trees we got to plant were Ash, Alder, Cedar, and Douglas Fir. Some of the trees were 2-4 feet tall. They had roots and some of the young trees were just twigs with roots.

We could see the highway if we were planting Douglas Firs on top of the hill. When we were walking, there were lots of tall grass. Ed said it was just a trail but someday would be a park. The Spring Water Corridor used to be a railroad track. The Spring Water Corridor is pretty darn close to Johnson Creek. We are going to be on channel 2 news because there was a channel 2 news man there to record the news.

I planted 13 trees there. I mostly planted Douglas Firs. I didn't get to plant Alder because they ran out of them. I got to plant the last of the Ash. There were a lot of thorn bushes that caught my shoe laces. On this field trip we got to walk to the Spring Water Corridor and back to school. Some of the student's parents came to help. After we plant the

trees, we put mulch around the tree to help the tree grow. We got into groups of four. We had the choice of four colored flags to plant. There were two deciduous trees and two conifers for us to plant and they all are native trees. I planted ten Douglas Firs which was our state tree. The tools we got to use were gloves, a shovel, and a scraper. We used gloves to keep our hands from getting dirty. A fence was there on one side of the trail. There was a Hwy overpass we walked under. Then we said good bye. After we said good-bye, we walked back to school so we could go home.





# World Forestry Center Scavenger Hunt

. Try to find as many of these things as possible and provide answers
to the questions.
1) Who is the artist whose work is displayed in the Forestry Center?  What does he mostly paint or draw?
2) What does the "talking tree" say about the heartwood?
3) What is one of the oldest pieces of petrified wood that you can find?  How old is it?
4)Find a tree that a tool has grown around. What is the tool?  How old is the tree?
5) What is Oregon's state tree?
6) What is a snag? What sort of animals live in snags? Name at least four.
7) What is a nursery log? What sort of things grow on a nursery log?
8)What is a forest canopy?
9) What is the name of the tree that was often used by Native Americans? What are two ways Native Americans used trees?
10) List four or more animals that use trees for their homes.
11) Find two wood carvings- What are they?

Dear Families of Rm. 112,

This is a note to let you know about some of our upcoming dates. There are some field trips that we will need drivers and

or chaperones for and I'd love to have your company.

Weather permitting tomorrow, *only* if the weather permits we will walk to Lents Elementary School for an assembly on the environment. We would leave Kelly at 12:30, arrive at Lents 1:00 and be back at Kelly by 2:15. So-o please dress your kiddo for the chilly air we've been having just in case we decide to go visit Lents.

March 4 – We are going on a field trip to Audubon for an Ancient Forest exploration. We need drivers. It is a 30 minute drive from school, maybe less. 9:30-12:30

March 18 – We are going on a field trip to the World Forestry Center and the Arboretum. We need chaperones.

April 14 – We are going on a field trip up to Wildwood Recreation area near Mt. Hood. <u>It is all day and we need</u>

chaperones.

There are more dates, which I will let you know later but this will keep you posted, and help you plan for the next couple of months. Many thanks to all of you who came on the last field trip to Tryon Creek State Park! It sure makes a difference to have caring company.

On a different note, we are still selling See's candy and Valentine's Day is just around the corner. The money we make from selling candy bars pays for our field trips and other programs we have scheduled for the year, so it is all going to a great cause! We are also selling lollipops – caramel, chocolate and peanut butter for 50cents each. So encourage your kiddo to sell, sell, sell! (I promise I won't order any more after we sell this bunch.)

THANK YOU!!!

Elizabeth Draper
Elizabeth Draper

Dear Families of Rm. 112 and Rm. 113,

This spring our classes will be taking an overnight to Camp Collins which borders Oxbow Park and the Sandy River. This experience will enhance our studies of the forest and re-enforce science concepts which both of our classes study.

We will be having a Parent Meeting, Wednesday, April 8 at 6:30, it should last no longer than an hour and will be held in the library. Refreshments will be served. Since this is a new outing for Kelly kids we are expecting an adult family member of each child that plans to participate in the overnight to attend. The Director of the camp will be attending the meeting and would like very much to meet you.

If you are absolutely unable to come to the meeting please give us a call and let us know.

Thank you for your support! We look forward to seeing you and your child, Wednesday, April 8 at 6:30!

## Ms. Draper, Ms. English and Ms. Barbour 916-6350

- P.S. So you can plan ahead.... the dates of the overnights are:
- 1) Thursday, April 23 and Friday, April 24
- 2) Thursday, April 30 and Friday, May 1
  Your child will attend only one of the two trips. If you have a
  preference please let us know at the Parent Meeting.
  \*Spanish translation will be available.\*

### Classroom News

Joyce McCluskey Room 114 3rd Grade

The school is very lucky to have Maria to help the kids with the clay because it is hard to do yourself. I know because one day I had to work by myself.

By Treysten Hawkins

Sharon Woods talked to us about bridges. She told us about all the bridges there are in Portland and how many are in Southeast and Northwest. It was fun with her coming here and teaching us about the bridges. There was all kinds of bridges like Broadway, Morrison, Hawthorne and the Steel. She will be taking us on the 4th of June to go and see the bridges. She showed us some slides on bridges. Some were pretty and some were about along time ago.

By Jennifer Dixon

Julie Barbour Room 113 Grades 4/5

On April 23,24,30, and May 1, Ms. Draper's/Ms. English's and Ms. Barbour's/Ms. Cook's class went to Camp Collins for an overnight filed trip. The leaders' names were Doc, Deb, Magpie, Cedar, Michael, and Ralph. We were in 3 different groups. We learned about tracking birds, and habitats. We had to write observations in our journals. We could draw sketches of things, too. The next day, each group played community games that made us work together. One was called "Elephant shoes." What we had to do was we had two long logs to put our feet on which had ropes. We were to pull the ropes and carry the logs to get to a certain place. It was fun. On June 3, we will be returning to do a community service project and we will be going on rope courses. We all had a great time. Thanks to Mrs. Doty, Mr. Danielson and Gaylene for coming and helping us!

By Anh Nguyen

Marshall High School Basketball The Program

# Defensive Basketball Day Camps Boys & Girls

Our trophy is our sweat we leave on the gym floor.

Sincerely, It's an attitude.

Session I - High School

(boys only) 9th - 12th grades June 15th - 18th

9 A.M. - 3 P.M.

(bring a sack lunch)

Session II - Elementary

(boys & girls) 4th & 5th grades June 22nd - 25th 9 A.M. - 12 P.M. Session III - Middle School

(boys & girls) 6th - 8th grades June 22nd - 25th 1 P.M. - 5 P.M.

For more information contact: Mitchell A. Whitehurst Marshall High School 3905 SE 91st Ave. Portland, OR 97266 916-5240 (ext-424)

LOCATION:

Marshall High School Gymnasium

# WONDERS OF THE FOREST, PART 1 Kelly School Students From the Classes of: Ms. Barbour and Ms. Draper/Ms. English

April 14, 1998 Dear Families:

As you know, as part of our special project this year, we will be providing an overnight trip to Camp Collins for our students. We are very excited that all of our students will have the opportunity to participate in this wonderful experience, thanks to grants from U.S. Fish and Wildlife, Metro and to support from Portland Parks and Recreation, our students, families, and school and community members. It is important for you to know from the very beginning, that this will be a well-organized, well-supervised, quality, "hands-on" educational experience. We appreciate the input from family members who attended our meeting last week, and we hope that all family members will let us know if they have questions or concerns.

Because we will be dividing our classrooms into two groups (to limit the number of students to 25 or 26,) the overnight experience will be held on two different Thursdays: April 23 and April 30. One half of each classroom will be participating on each of those dates; the other half of each classroom will remain at school with a substitute teacher. Ms. Barbour and Ms. Draper/Ms. English will be journeying to Camp Collins for both

trips.

Cost to each student will be just \$7.00, thanks to the wonderful sponsors and supporters listed above. This money will cover the expense of instructors and transportation. Please send a sack lunch with your child and put your child's name on it. We would appreciate having no glass containers in the sack lunches. A detailed supply list (what to bring, and what not to bring,) is attached.

At this time, we are requesting that you complete the attached permission and medical forms and, along with the \$7.00, return it to your child's teacher by Friday, April 17.

We hope everyone is as excited about this trip as we are. If there are any questions or concerns about costs, please contact one of us as soon as possible. Thank you, again, and please save this information. If you are in need of any supplies please let us know.

## WONDERS OF THE FOREST MS. BARBOUR'S & MS. DRAPER/MS. ENGLISH CLASSROOMS

April 14, 1998

**Dear Families:** 

Again, thank you for all your support!

# WONDERS OF THE FOREST PART, 1 PERMISSION FORM

Yes, my child,	, has
permission to participate in the two day, Camp Collins spending the night in their	
	April 23 & 24
	April 30 & May 1
I understand that my child will be riding supplied by Portland Parks and Recreati authorized Kelly School faculty/voluntee	on, and driven by
Additionally, I agree to discuss with my their positive and respectful behavior du	
I have enclosed \$7.00 to cover the costs	of this trip.
parent/guardian signature	e and date

## Portland Public Schools OVERNIGHT FIELD TRIP SYNOPSIS

1.	Des	cription of proposed trip:		
	a.	Place(s) to be visited: Oxbow Park - Camp Collins		
	b.	Departure Date: $\frac{4/23/98}{}$ # of Students: 6330		
		Return Date: 4/24/98 Grade Levels: 3,4,5		
	c.	Names of Staff Supervisors: Julie Barbour		
		Elizabeth Draper		
		Bonnie English		
	d.	Describe Transportation Arrangements: Portland Park Bureau Vans		
	e.	Describe Housing Arrangements: Camp Collins dormitory		
		facilities.		
	f.	Describe Specific Educational Objectives trip will serve: To provide hand		
		on class & field experience at a greenspace & to lead to an		
	ĺ	diversity, intendependency & cycles. They will learn to distingu between a managed forest; anold growth forest and help educ		
2.	Tri	understanding of intervelated ecological concepts such as diversity, interdependency & cycles. They will learn to distingual between a managed forest; anold growth forest and help educate community in developing environmental sensitivity and awareness prinancing (What are the total and per student costs?; How		
		l funds be obtained?; How will indigent students be supported?):		
	Cos	st per student \$25.00, funding through Metro Gr.		
	an	a individual student fees. Through candy		
	fir	nd raiser. Total program cost: \$1,000.00		
з.	Tri	p Insurance (Describe provisions to be made):		
	Po	rtland Public Schools		
4.		stitute teacher support needs:		
er.	Teachers needed for 2 classrooms- Thursday 4/23/98-all day Friday 4/24/98-half day (morning)			
	11	hursday 4/23/98 - all day		
	ti	riday 4/24/98-half day (morning)		

Note: Send Entire Form to DOI

Distribution: White - DOI Office; Yellow - School's Copy

January 1989

# Portland Public Schools SCHOOL-SPONSORED OVERNIGHT FIELD TRIP APPROVAL REQUEST FORM

DEPARTMENT (H.S.) PROGRAM PROGRAM						
ACTIVITY Mini-outdoor school school Kelly Elementary						
DESTINATION Camp Collins - Oxyow Park						
DEPARTURE DATE/TIME 4/23/98 9:00 AM RETURN DATE/TIME 4/24/98 - 5:30 pm						
TYPE OF TRANSPORTATION Portland Parks vans						
LODGING COMP COLLINS FICALITIES						
* If home-stays are involved, complete Home Stay Information Sheet.						
TOTAL COST PER PERSON \$25.60 AMOUNT PROVIDED BY SCHOOL						
AMOUNT PROVIDED BY STUDENT \$7.070						
AMOUNT PROVIDED BY OTHER SOURCES \$ (8,00						
scheduled fund-raising events: 1. <u>Candy Safe</u>						
2 Courted Seasons						
INSURANCE ARRANGEMENTS Portland Public Schools						
PUBLICITY PLANNED NONE						
NUMBER OF STUDENTS MAKING TRIP 30						
NUMBER OF TEACHERS MAKING TRIP						
Teachers' Names:  # Sub Days Needed:  (60% of costs total funded by school)						
Julie tur bout 1.3 days						
Elizabeth Draper 1.5 day						
Bonnie English \\						
NUMBER OF PARENTS ACCOMPANYING STUDENTS To be determined at Parent						
Parents' Names: Meeting held on 4/8/98						
school official responsible for group John Danielson						
CONTACTS: Person(s) on Trip Elizabeth Dupper						
(name, address, phone) 9030 SE Cooper 916-6350						
PRINCIPAL'S APPROVACE Name Son DATE 4/5/98						
DATE DATE						
ttach statements of educational objectives, itinerary, budget, and other lans and submit them to the Director of Instruction at least THREE WEEKS						
rior to date schedule for departure.						

Note: Send Entire Form to DOI for Distribution.

Distribution: White - DOI Office; Yellow - School Copy

January 1989

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### Camp Collins Schedule: Thursday - 04-23-98/04-30-98

9:00		Leave Kelly School					
9:45							
		Arrive at Camp Collins, Orientation led by Michael					
10:10		Mixer which will divide the group into three groups					
			portance of using small voices in the				
	×	forest)					
	10:30-12:00	First Session Ra	lph/Michael/Deb				
	12:05	K.P.					
	12:15	Lunch .					
	12:45-2:15	Second Session	Ralph's group from the a.m. will go with Michael				
			Michael's group from the a.m. will go				
			with Deb				
			Deb's group from the a.m. will go				
			with Ralph				
	2:20-3:50	Third Session	Michael's group will rotate to Deb				
		211114 0 0001011	Deb's group will rotate to Ralf				
		ä	Ralph's group will rotate to Michael				
			Kaipii s group will rotate to whenaer				
	3:55	Journals					
	4:15 Community Building Activity led by Michael 4:45-5:15 Free Time						
	4:45-5:15		*				
5:15 K.P for Dinner							
Night walk and Story read by Ralf							
	Songs led by Traci (If people are still awake)						
	9:30	Lights out					

#### Thursday Schedule

- 8:30 Meet in gym/go over rules and expectations and assign study groups choose group names (animal)
- 9:00 Leave for Camp Collins
- 9:30 Arrive at Camp Collins
- 9:45 Rules and orientation to the camp
- 10:00 Mixer led my Michael or CC staff
- 10:30-12:00 1st Session
  - 1) Michael
  - 2) Deb
  - 3) Bob and Jim
- 12:00 Lunch and move into cabins
- 12:45-2:15 2<sup>nd</sup> Session

The group that was with Michael rotates to Deb, the group that Deb had rotates to Bob and the group that Bob and Jim had rotates to Michael.

- 1) Deb
- 2) Bob and Jim
- 3) Michael
- 2:20-3:50 3<sup>rd</sup> Session
  - f). Bob and Jim
  - 2) Michael
  - 3) Deb

The group that was with Deb rotates to Jim and Bob, the group that was with Jim and Bob rotates to Michael and the group that was with Michael rotates to Deb.

- 3:55 Journals
- 4:20 Community Building Activity with Michael and CC staff
- 5:00 Free time
- 5:15 KP for dinner (girls cabin)
- 6:30 Campfire inside or outside Movie
- 9:15 Lights out

### Friday Schedule

-1:30 1:25-2:55

7:45 KP for Breakfast (boys cabin)

8:00 Breakfast

8:30 Pack up and clean up

9:30-11:00 1st Session

1) Michael

11:20 2) Elizabeth 11:50 -1:20

3) Jim and Bob

11:05-12:35 2<sup>nd</sup> Session

1) Elizabeth

2) Bob and Jim

3) Michael

12:40 Sack Lunches

3rd and Final Session 1-2:30

1) Bob and Jim

2) Michael

3) Elizabeth

2:45 Journals

3:00-3:30 Community building activity led by CC Staff

4:00 Load up vans

4:15 Leave Camp Collins

5:00 Arrive at Kelly School

### WONDERS OF THE FOREST, I & II

ROOMS 112 & 113

1997 - 1998 (Ms. Draper/Ms. English & Ms. Barbour) 1998 - 1999 (Ms. Draper & Ms. Barbour)

June 4, 1999

Dear Families:

During the past two years, our students have been actively involved in learning about the forest environment, and each year we have "ended" with our hands-on overnight experience at Camp Collins. We would like to say "thank you" to all of those who have helped make these incredible educational opportunities possible. Your child has been an important part of our success.

With this in mind, you are cordially invited to attend a celebration of Wonders of the Forest, I & II:

Thursday, June 10
6:00 p.m.
Kelly School Cafeteria

Photos, student work, special guests, and special videos!

Please Join Us!

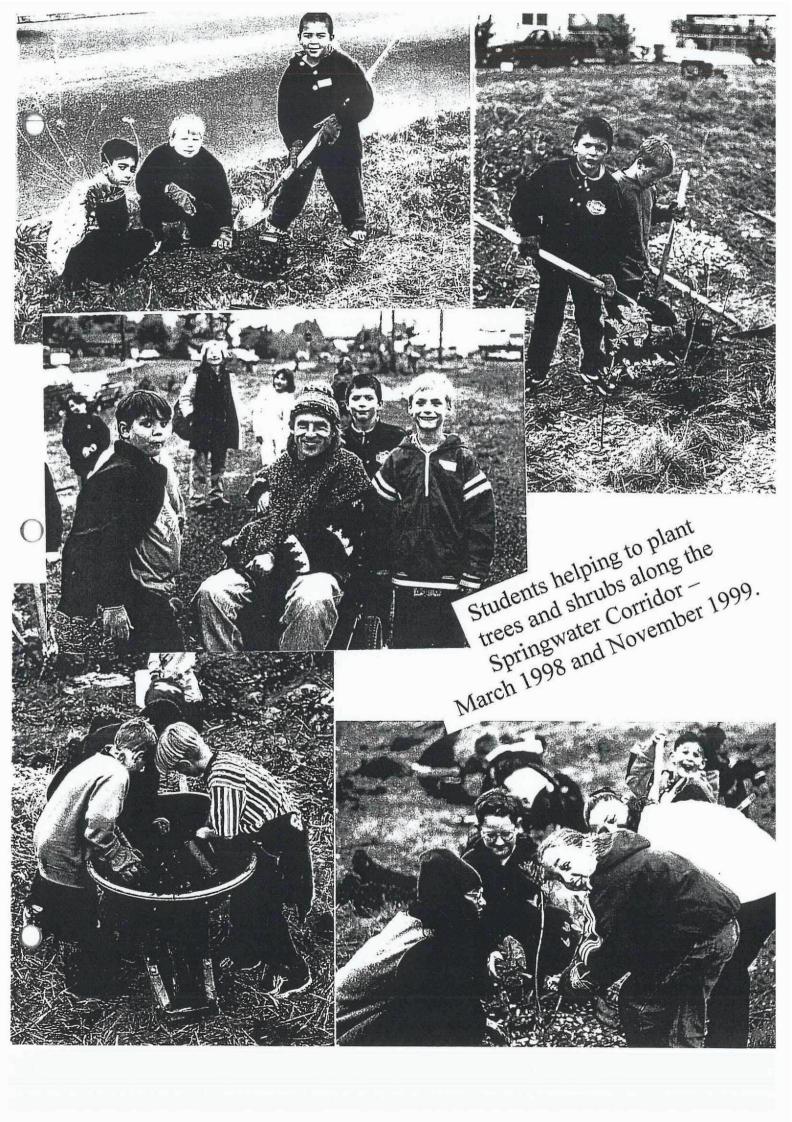
Thank you!

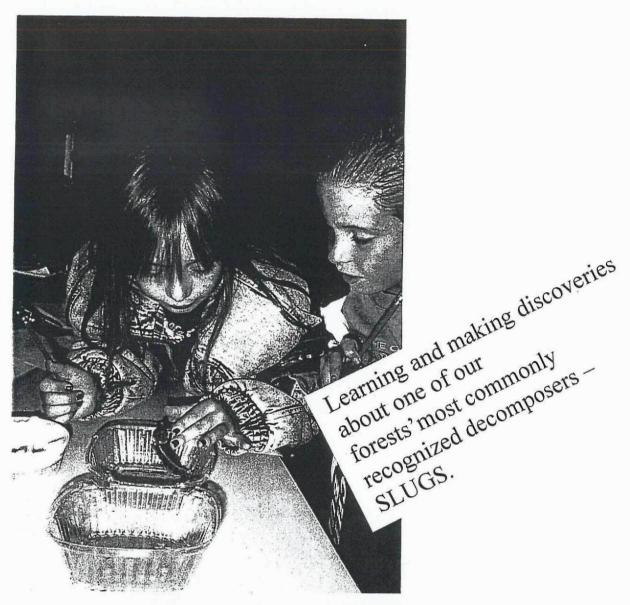
### Planting Trees along the Springwater Corridor

My class and Ms. Barbour's class walked to the Springwater Corridor to plant trees. I was pulling a wagon filled with buckets and gloves. We got there and people started getting gloves and then Ed began to talk with us about how to plant trees. He told us he had a dream and a hope that one day this would be a forest. Ms. Barbour's mother, Steven, Minh and Richard were in my group. We knew where to plant the trees because there were different colored flags in the ground; blue, red, white and yellow. The blue flag was for Douglas fir, the red flag was for cedar, the white flag was for ash, and the yellow flag for alder. I planted mostly alder and Douglas fir. Minh and I put mulch around the tree and the next time, Minh and I planted the tree and Steven and Richard put mulch around the tree. The trees were about two feet tall, some had big roots and some had little roots. Channel 2 came to film us. I was really tired but I pulled a wagon all the way back to school. My wagon had shovels, a 1st aid kit, gloves and buckets. I had a really good time because I like planting trees and helping the earth.

#### By Crystal Dye









Communicating with each other in groups.

Always have to work in teams, groups, together.

Michael is a leader.

Participating in games with each other, like at the wall.

Can see the Sandy River from the shore.

Ospreys nest in humongous trees.

Looking and taking pictures of everything.

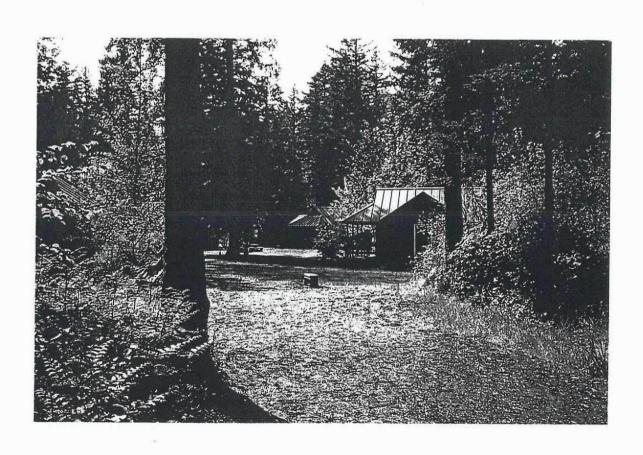
Lots of birdcalls.

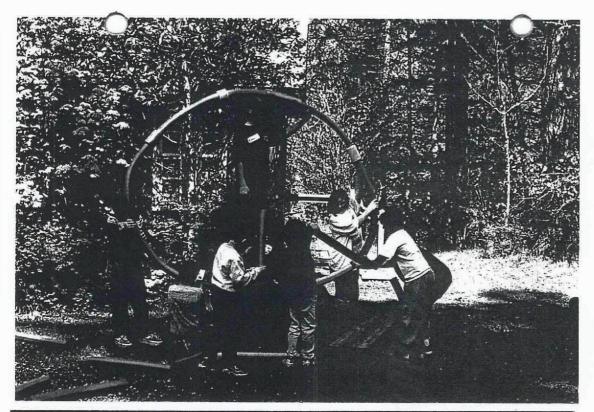
In the ancient forest there are 250 year old trees.

Nursery logs help other plants grow.

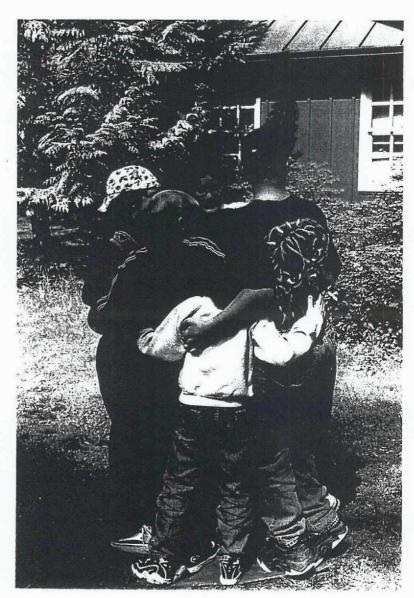
Seeing lots of beautiful deer.

By Justin and Theresa









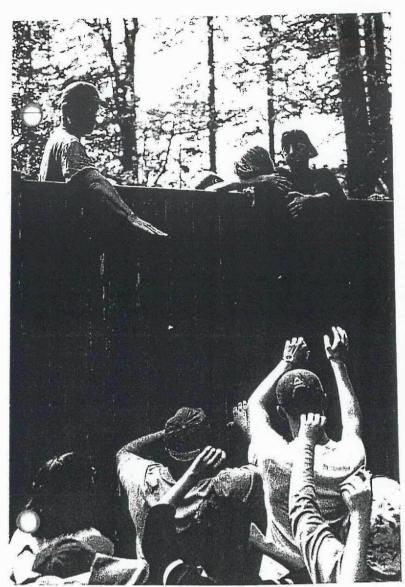
"I liked the game where we had to get everybody through the web and where we had to get the egg around the building." Charlie Snyder

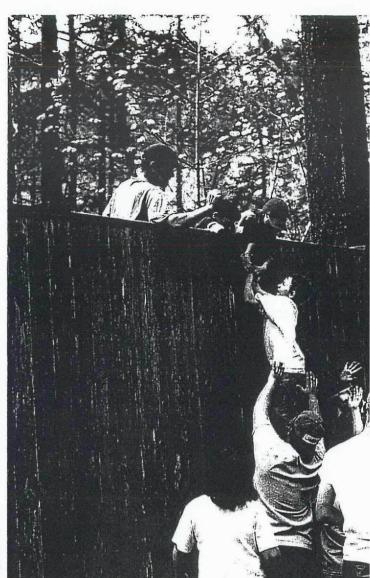
"We played games. One of my favorites was holding the egg with everyone holding a string. The egg fell once, but it didn't break!" Brian Cook



"The purple group blew the top off of the ball bounce!" Shawn Roberts

"I liked it because we had to play tricky games. In each game we had to trust each other, we had to help each other and we had to use teamwork. One of the games was the spider web. The object of the game was we had to get everyone through the spider web without touching the web. If you touch the web you have to start all over and that happened a lot but we finally did it. Starting all over felt like losing a contest. Finishing felt like winning a race."





"We used teamwork. All the games had a purpose. We had to write in our journals. We had to write what we learned and what we did. Here is what I wrote...I learned we have to use teamwork rather than being independent." Jacob Collier



## **Osprey**

Ospreys migrate south by November, returning in February and March.

Sight is even more finely developed than other birds of prey.

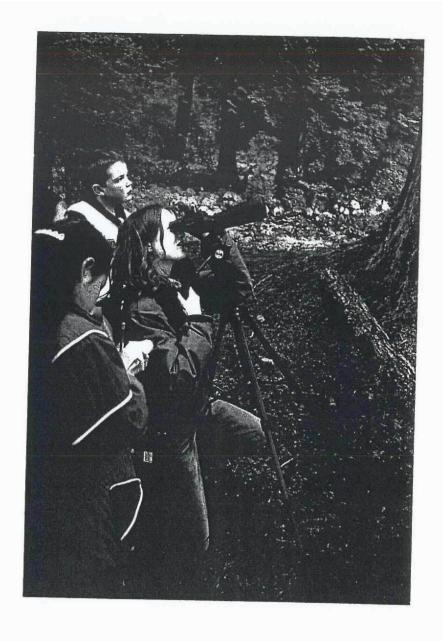
Prey for an osprey are many creatures that live in rivers, or fresh water.

R Ospreys really are beautiful birds.

Everyone mixes up ospreys with eagles.

You wouldn't believe ospreys live entirely on fish.

By Danielle McAlister



## Fish Hawk

Fish hawk build their nests on the top of trees.

It is found in the western states.

Some fish hawks are found over the rivers of Canada.

Hawks have one of the largest wingspans.

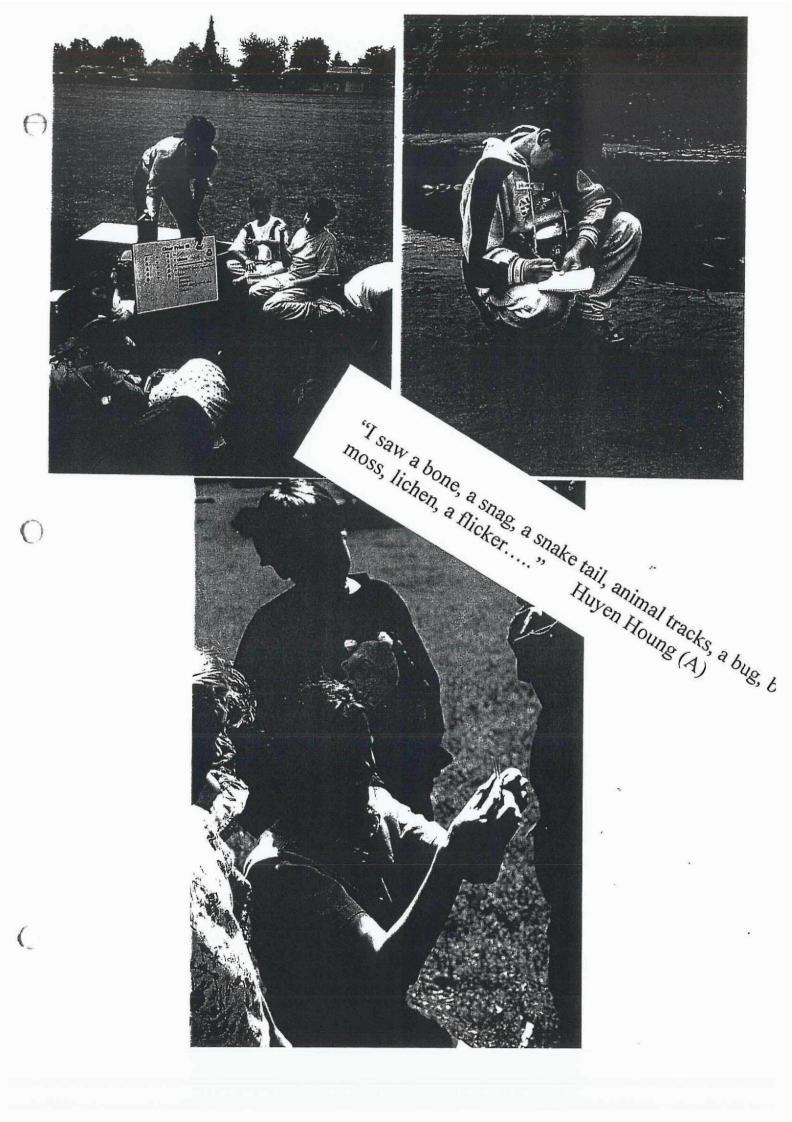
High up in the trees there is a fish hawk nest.

As fish hawks catch their prey they dive into the water, talons first, to catch their food.

Weak babies wait for their mom and dad to return with food for them.

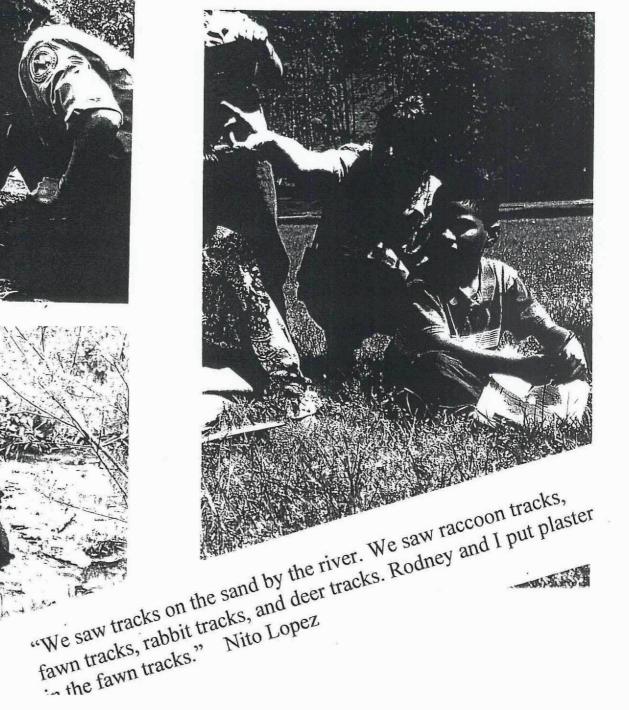
Kestrels are smaller than fish hawks.

By Jacob Collier



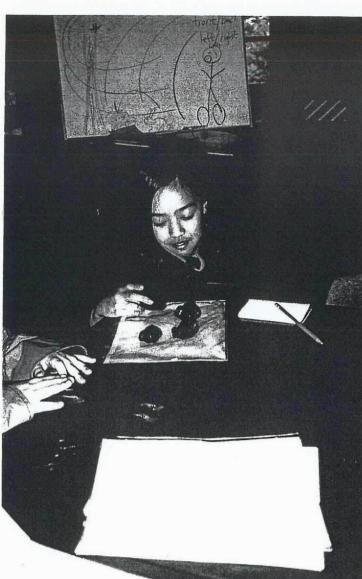




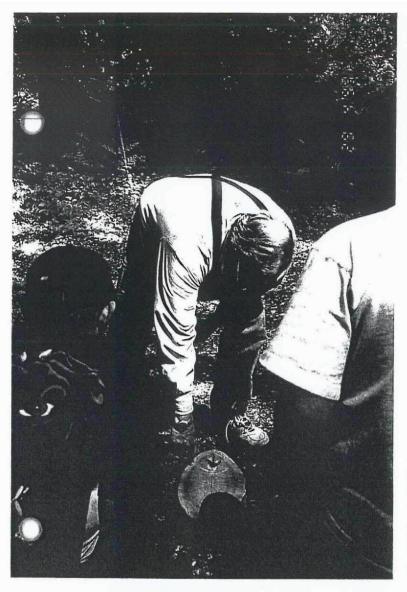




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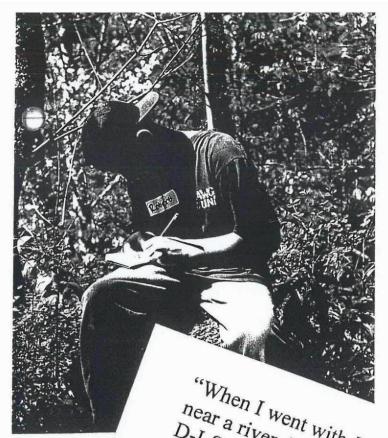




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"When I went with Jim and Bob we went into an ancient forest and we did it!"

Jason Bond

"When I went with Jim and Bob we went into an ancient forest we did it!"

Jason Bond

Jason Bond

Jason Bond

"When I went with Jim and Bob we went into an ancient forest we had it!"

Jason Bond

Jason Bo



