

921689
final report?

**Centennial Learning Center
Salmonid Education and Enhancement Grant Summary**

"GROWING THINGS KIND OF MAKES YOU FEEL LIKE GOD."

Matt Hoover, Student

Grant Description

The Centennial Learning Center students will study, propagate and supply native plants for local stream restoration sites. Seventeen high school students from the CLC will work with community members and local plant experts to propagate native plant species for stream restoration projects at the headwaters of Fairview Creek. The project will provide plants to sites where sponsors have limited budgets. The project has the goal of restoring biotic integrity to the plant communities in the headwater riparian (streamside) areas of salmon bearing streams. The students will also learn how to establish and run a small nursery operation.

Grant Progress

Fall 1999

- Worked with SOLV to create community partners and set up project
- Studied the Fairview Creek and Mt. Scott projects to learn about native plant species required for that area.

Winter 2000

- Received lessons from the projects on native plants, watershed health, endangered species, water quality etc.
- Taught students identification, cutting and nursery management techniques
- Provided science lessons in ecology, plant genetics, functions and structures, growth and development, conducting systems and diploid life cycle.
- Worked with SOLV Team Up for Watershed Health to take cuttings, grow seeds or layer plants as necessary to produce 1600 viable native plants
- Established plants at nursery site

Spring 2000

- Transplanted and cared for plants at nursery site
- Studied life cycle of the salmon
- Worked on restoration of sites--located planting sites and prepared area

Fall 2000

- Labeled the plants, wrap and load for delivery
- Assisted restoration projects with ceremonial planting of plants back at the stream restoration sites
- Provided tour for elementary students
- Enjoyed the feelings of accomplishment of a worthy task well done

Winter/Spring 2001

- Improved nursery site for fall cutting process
- Planned second round of cuttings to increase quality and number of plants
- Planned horticulture class with Mt. Hood Community College

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May 2000

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Challenges/Solutions

It has been challenging to get out to the nursery as much as we would have liked and still teach all that high school students need for graduation. We also struggled with taking such a large group out to work on cuttings or to the nursery. We found that for our students, six students are the maximum for effective teaching and learning.

Next Steps/Future Plans

- Label the plants, wrap and load for delivery
- Assist restoration projects with ceremonial planting of plants back at the stream restoration sites
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Activity Dates

Completion of first round of native plants-- spring 2000. Complete final grant spring-- 2001