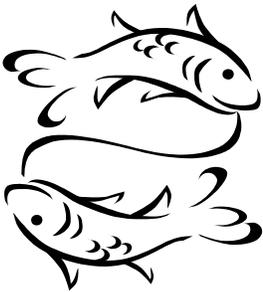


SKAGIT CONSERVATION DISTRICT



EDUCATIONAL VIDEOS

This list describes some of the videotapes the SCD has available for check out to local educators.



SALMON OF THE SKAGIT is a must see and an excellent introduction to local salmon. This video was filmed by a local volunteer, Dick Knight, for the U.S. Forest Service. Includes underwater photography and an “eye to eye” look at the salmon lifecycle. Presents intriguing facts about each of the five species of anadromous salmon found in the Skagit River.

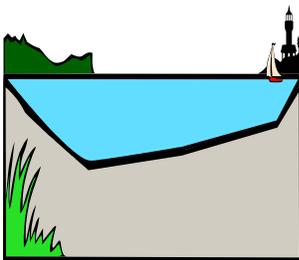
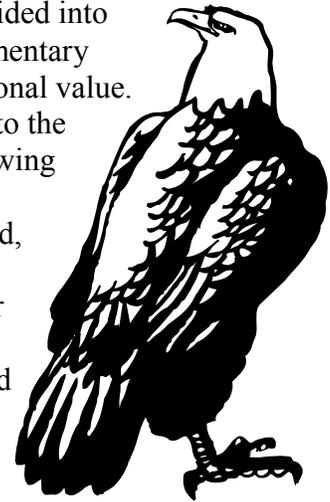
A HOME FOR PEARL is about wildlife habitat. The video is divided into four parts so that each part can be viewed as a separate unit, with supplementary activities provided in the guide (included) to enhance the video’s educational value. Taking the time to introduce and follow up on each part before going on to the next will help reinforce learning of the concepts presented. The total viewing time plus teaching time for each part should be about 45 minutes.

Part 1 – The Robin explains how each animal’s habitat must provide food, water, shelter and space.

Part 2 – Habitat Diversity discusses habitat complexity, type and number of species, and the concept of limiting factors.

Part 3 – Predators focuses on the importance of predators in a habitat and ways people can improve habitat to attract wildlife.

Part 4 – The Right Home for Pearl explains the specific habitat requirements of bald eagles and how pollution and loss of habitat have historically affected the species. Bald eagles and other types of endangered wildlife are protected in wildlife refuges.

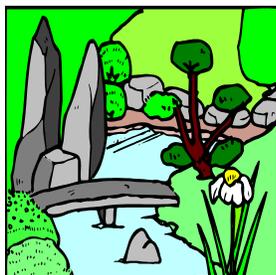
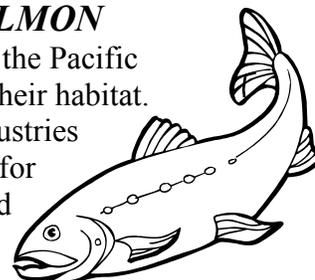


GROUNDWATER: THE FLOW FROM BELOW (8 minutes)

In a brief, upbeat overview, this video touches on the definition and importance of groundwater and related issues such as aquifers, aquifer recharge, the hydrologic cycle, and what can affect the quality and quantity of groundwater.

LONG LIVE THE KINGS—RETURN OF THE WILD SALMON

(24 minutes) This documentary video chronicles several efforts across the Pacific Northwest that are helping to increase salmon populations and restore their habitat. It shows how diverse groups of environmental interests and private industries work together to face the challenges of creating a healthy environment for future generations. The video also offers a scenic look at the region and the history and traditions surrounding northwest salmon.



EXPLORING SCHOOL NATURE AREAS (13 minutes) shows how outdoor classrooms provide opportunities for exciting hands-on learning activities with students through:

- Creating nature areas within walking distance of the schoolyard;
- Reinforcing science, art, social science, math, and other subject areas;
- Enabling students to apply lessons learned inside to the world outside.

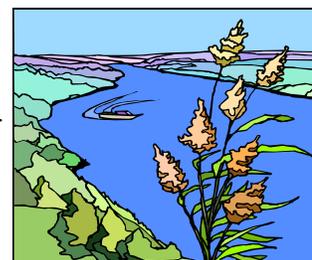
FACES OF THE FUTURE (5 minutes) This video sets the stage for talking about conservation and its future. Children are asked about their thoughts on conservation and the video delivers the message that what we do today will have a profound effect on our children's future.



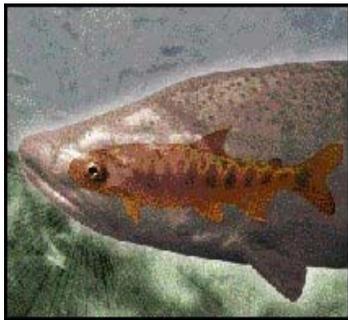
KEEP IT CLEAN DOWNSTREAM (25 minutes) This video shows how gardeners can help prevent water contamination by using responsible gardening practices. Home gardeners will learn how they can design landscapes, manage soil and fertilizers, recycle garden wastes, use efficient watering techniques, and manage pests in ways that will keep our water clean for future generations. Produced by the Cooperative Extension Washington State University.

WATER IN WHATCOM COUNTY—What About Tomorrow?

(27 minutes) This video, published by the city of Bellingham, is an excellent introduction to watersheds and non-point sources of pollution. It provides background on how a watershed functions and excellent suggestions for actions we can take to protect water quality in our community. **Grades 4-Adult.**



FRESH WATERS FLOWING—*Salmon Web* focuses on assessing salmon stream health



by evaluating an integral biological component of the salmon food web/taxa richness of macroinvertebrates. It explores the complex community of stream macroinvertebrates as an important indicator of healthy river systems and interrelated chemical and physical conditions influenced by human disturbance. Photography of macroinvertebrate species under water and volunteers sampling macroinvertebrates within streams stimulates interest in learning more about the salmon food web and opportunities to participate in assessment programs.

ALL THINGS ARE CONNECTED (13 minutes) offers a tribal perspective toward the natural world through an adaptation of the 1854 speech of Chief Seattle in response to a government request for the Indians to sell their tribal lands and move to a reservation. “The Earth is our mother and all things are connected like the blood that unites one family.”



GREEN MEANS (15 minutes) consists of three segments that show how powerful environmental stewardship efforts of individuals can be. The segments feature real-life examples of ranching and environmentalism working hand-in-hand, how involving children in restoring a salt marsh in New York City creates a sense of stewardship, and a high school in California that restores stream habitat and creates a successful fish hatchery.

THE STREAMKEEPER (25 minutes) Bill Nye, “The Science Guy”, leads a journey through a watershed and outlines the steps to becoming a Streamkeeper (1. Investigate; 2. Inventory and Monitor; 3. Take Action!). Includes discussion of basic concepts of watersheds, the hydrologic cycle, the effects of pollution, and stream monitoring techniques.



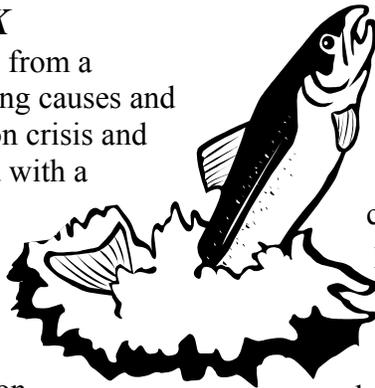
THE GOOD EARTH (5 minutes) is a five-minute presentation that serves as a visual reminder of the goodness of the earth. It features awe-inspiring photography of some of earth’s scenic landforms and wild creatures accompanied by beautiful classical music.



LOOK AT LIFE SERIES—RETURN OF THE EAGLE (55 minutes in 10-15 minute segments), produced by Fisher Broadcasting, Inc.- KOMO TV, examines the Skagit River Eagle Preserve and how it has contributed to the resurgence of bald eagles in the Northwest. Different segments feature local personalities involved in using and/or managing the Wild and Scenic River portion of the Skagit River and the Eagle Preserve. The complexity of natural resource issues becomes evident as different viewpoints are expressed.

SALMON ON THE BRINK

(18 minutes) This video is taken from a Public Television report examining causes and impact of the Pacific coast salmon crisis and the importance of the issue faced with a species listed under the federal Endangered Species Act. It includes county (King, Pierce, Snohomish Counties) and state officials defining the crisis as a water quality issue, and touches on collaborative efforts being made to develop salmon recovery plans.



THE RETURN OF THE SALMON

(30 minutes) is produced by Oregon Sea Grant to help middle school through adult audiences understand the complicated natural resources problem of salmon decline. The video includes information about what watersheds are, how salmon fit into them, and what approaches are being taken to deal with the problem.



FABULOUS WETLANDS was produced by the Washington Department of Ecology and consists of three sections:

Fabulous Wetlands (8 minutes) Hosted by Bill Nye, “The Science Guy”. Highlights the beauty of wetlands and dependent wildlife with fabulous photography, and the importance of wetlands to natural processes such as flood control and filtering pollutants from water.

Washington Wetlands (15 minutes) Washington has a variety of wetlands that provide many natural ecological functions and important recreational and aesthetic resources. Washington wetlands are being destroyed at an alarming rate. This section is an effort to educate and motivate citizens to act in preserving Washington’s wetlands for future generations.

Yellowlegs, Eelgrass, and Tideflats (28 minutes) gives the viewer a close-up look at wildlife inhabiting the tideflats and salt marshes of Washington State. Information about specific species is especially fascinating for birders and contains facts about feeding, food webs, breeding displays, nesting, and the effects of development on adaptive species.



ENVIROTHON is a brief glimpse of a state Envirothon competition. High School students work in teams to analyze and solve environmental problems in five categories:



- Soils
- Forestry
- Agriculture
- Wildlife
- Current issues

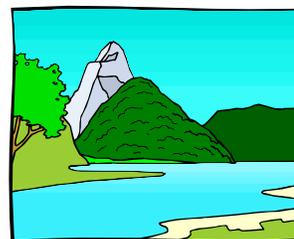
PLANT IT RIGHT: RESTORING OUR SALMON STREAMS (17 minutes) demonstrates planting techniques used for restoring natural streamside vegetation to improve fish and wildlife habitat. Success of these projects is directly tied to proper planting techniques and subsequent maintenance. Demonstrations include:

- Planting techniques for live stakes (cuttings), bare-root, and potted plants
- Proper hole preparation
- Short and long-term maintenance considerations
- Tool safety
- Streamside etiquette



BUILDING CITIES OF GREEN (10 minutes) uses computer technology to illustrate how urban development has decreased tree cover in the Pacific Northwest. Modern software can be used to facilitate planning of urban areas, incorporating trees and vegetation that lessens the impact of increased impervious surfaces.

THE SKAGIT WATERSHED (10 minutes) is an informative overview of the Skagit River Watershed geography and land uses. The journey takes the viewer through wonderful landscapes from the headwaters fed by glaciers in the North Cascades to the delta at the river's mouth. Seven major land uses are discussed including "Wilderness" preserved for future generations and wildlife.



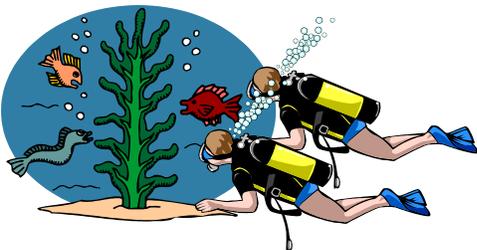
THE WEALTH IN WETLANDS (23 minutes) features five farmers, in different regions of the United States, who have restored wetlands on their property. Discussions include a historical perspective that revisits the movement to drain wetlands and convert them to agriculture. The video focuses on how these farmers have incorporated wetlands into their farm management programs, providing habitat for waterfowl and other wildlife. Farmers express their joy and enthusiasm for the rewards that the restorations bring to their lives.

LANDSCAPING FOR WILDLIFE (13 minutes) is a guide to creating wildlife habitat in your own backyard. It provides guidelines for planning diverse native vegetation and other wildlife-attracting yard features that provide food, cover, and water for various species of animals. Tips to attract specific animals visitors such as hummingbirds, butterflies, reptiles, amphibians and small mammals are given along with directions on how to install a small pond.



THE GREATEST GOOD (124 minutes/DVD) tells the story of the U.S. Forest Service and the public lands the agency manages. Produced by the U.S. Forest Service and distributed by the Forest History Society, the film weaves historic footage and still photographs with interviews with historians, timber industry and environmental leaders, and Forest Service employees to illuminate the past one hundred years of accomplishments and controversies experienced while managing 191 million acres of America's land. Two additional DVDs with bonus materials are also included.

THE MAN WHO PLANTED TREES (30 minutes) is a captivating film inspired by the life of an anonymous shepherd who creates a forest in a desolate and arid land. The story is illustrated and narrated with exceptional artistic vision and personal warmth and is a pleasure to watch for children and adults of all ages.



THE RETURN OF THE PLANKTON

(27 minutes/DVD) exposes viewers to the wealth of life in the Puget Sound ecosystems. Two scuba divers lead the viewer through the seasons underwater and show plankton as the basis of the Puget Sound food web.

Supplementary materials provide study aides.

WHAT IS THE LIMIT? (23 minutes) A probing discussion of the interrelationships between human population growth, environmental degradation, resource depletion, habitat destruction and the ethical considerations for the future. Produced by the National Audubon Society.

