

Introduction

The goal of this correlation is to show educators that Project WILD is a valuable, effective tool for teaching Science. This document will help educators identify Project WILD activities that can be used to meet K-12 educational requirements. These activities are consistent with principles of education reform - cooperative learning, real world applications, multi-cultural education, and service learning.

Project WILD, including Aquatic WILD, is an interdisciplinary, **supplementary** conservation and environmental education program that teaches about wildlife and their habitats. "The goal of Project WILD is to assist learners of any age in developing awareness, knowledge, skills and commitment to result in informed decisions, responsible behavior and constructive actions concerning wildlife and the environment upon which all life depends" [WILD, Preface, vi]. Project WILD activities are designed to teach a variety of subjects using environmental concepts, and help students use critical thinking to evaluate material from a variety of sources.

This correlation was researched and developed by Courtney Senna, Barbara Winn and Sylvia Gude, Project WILD staff members. Their efforts were supported by the Department of Fish and Game, sponsor of California Project WILD.

Please share this correlation with other educators in your area. For those interested in learning more about Project WILD, and how to obtain the activity guides, please contact the Project WILD office.

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888-945-3334



GRADE 7

FOCUS ON LIFE SCIENCE EVOLUTION

- Biological evolution accounts for the diversity of species developed through gradual processes over many generations. As a basis for understanding this concept, students know:
 - a. both genetic variation and environmental factors are causes of evolution and diversity of organisms.

Project WILD Activity Guide

Aquatic WILD Activity Guide

Pond Succession (110) Adaptation Artistry (114) Muskox Maneuvers (130) *How Many Bears Can Live in This Forest (134)** Rainfall and the Forest (140) I'm Thirsty! (154) Who Fits Here? (160) The Edge of Home (68) Blue Ribbon Niche (72) *Fishy Who's Who (86)** Fashion A Fish (88) Aquatic Roots (100)

*activity can be adapted to meet this standard

d. how to construct a simple branching diagram to classify living groups of organisms by shared derived characteristics, and expand the diagram to include fossil organisms.

Project WILD Activity Guide

Aquatic WILD Activity Guide

Wild Edible Plants (90)*

*activity can be adapted to meet this standard

e. extinction of a species occurs when the environment changes and the adaptive characteristics of a species are insufficient for its survival.

Project WILD Activity Guide

Aquatic WILD Activity Guide

What Bear Goes Where? (98)* Pond Succession (110)* Polar Bears in Phoenix (120)

Muskox Maneuvers (130)^{*} Here Today, Gone Tomorrow (170) Who Lives Here? (174)^{*} Shrinking Habitat (258)

*activity can be adapted to meet this standard

Whale of a Tail (26) Migration Headache (94) Where Have All the Salmon Gone? (110) Watered Down History (116) Turtle Hurdles (164)

INVESTIGATION AND EXPERIMENTATION

Project WILD Activity Guide

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- 7. Scientific progress is made by asking meaningful questions and conducting careful investigations. As a basis for understanding this concept, and to address the content of the other three strands, students should develop their own questions and perform investigations. Students will:
 - a. select and use appropriate tools and technology (including calculators, computers, balances, spring scales, microscopes, and binoculars) to perform tests, collect data, and display data.

<u> </u>	<u></u>		
Rainfall and the Forest (140)	How Wet is Our Planet? (8)		
Time Lapse (156)	Puddle Wonders (22)		
Fire Ecologies (182)	Whale Of A Tail (26)		
Wildlife Research (198)	Water Canaries (38)		
Noisy Neighbors (294)	The Glass Menagerie (130)		

b. utilize a variety of print and electronic resources (including the World Wide Web) to collect information as evidence as part of a research project.

Floject WILD Activity Guide	Whale Of A Tail (26)	
Interview A Spider (14)		
Wild Edible Plants (90)	Kelp Help (48)	
Rainfall and the Forest (140)	Micro Odyssey (64)	
Here Today, Gone Tomorrow (170)	Blue Ribbon Niche (72)	
Planting Animals (176)	Fishy Who's Who (86)	
Wildlife Research (198)	Aquatic Roots(100)	
Noisy Neighbors (294)	Where Have All the Salmon Gone?	
	(110) Adaption - gather current	
	information	
	Aquatic Times (126)	

c. communicate the logical connection among hypothesis, science concepts, tests conducted, data collected, and conclusions drawn from the scientific evidence.

Project	WILD	Activity	Guide

Urban Nature Search (102)* Adaptation Artistry (114) Rainfall and the Forest (140) I'm Thirsty! (154) Fire Ecologies (182) Wildlife Research (198) Aquatic WILD Activity Guide

Aquatic WILD Activity Guide

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Where Have All the Salmon Gone? (110) Glass Menagerie (130) Deadly Skies (142) Plastic Jellyfish (170) Something's Fishy Here! (176)

*activity can be adapted to meet this standard

Grade 7 Investigation and Experimentation

d. construct scale models, maps and appropriately labeled diagrams to communicate scientific knowledge (e.g., motion of Earth's plates and cell structure).

Project WILD Activity Guide

Aquatic WILD Activity Guide

Rainfall and the Forest (140)

Pond Succession (110)*

*Activity can be adapted to meet this standard

e. communicate the steps and results from an investigatin in written reports and verbal presentations.

Project WILD Activity Guide

Habitrekking (56) Eco-Enrichers (76)* Urban Nature Search (102)* Fire Ecologies (182)* Aquatic WILD Activity Guide

Designing a Habitat (20) Whale of a Tail (26) Facts and Falsehoods (138)

*easily adapted by instructing students to either write the report or recite the steps/results

GRADE 8

Project WILD activities do not correlate directly with the Science Content Standards for Grade 8.