

LOGIC MODEL

“From Soledad to the Ocean: Teaching Coastal Stewardship to South County Title 1 School Children”

Audience: Culturally diverse and underserved students in grades 4-5 at one elementary school in the City of Soledad, Monterey County

Overall Goal: To help protect marine mammals and future ocean resources by educating children about the ocean environment, the connection between coastal watersheds and the ocean, about marine debris and the special problem of plastic, and what children and their families can do to help protect marine life.

Objectives B-WET funds will:	Resources	Activities	Outputs	Short-term Outcomes	Mid- to Long-term Outcomes/Impacts
1. Increase students' knowledge about watersheds, the ocean, marine mammals, marine debris, and what they can do to help prevent marine debris	<ul style="list-style-type: none"> ▪ Save The Whales staff ▪ CSUMB Service Learning students and interns ▪ Support from classroom teachers and school administrators ▪ Materials and supplies 	Conduct three in-class educational presentations plus three outdoor hands-on events for 6 classes of children to educate them about watersheds, the ocean, and marine debris. Conduct NOAA Marine Debris poster contest.	A total of 18 WOW™ classroom presentations, 6 schoolyard litter pickup events, 6 local park field events, and 6 ocean field events conducted. An in-school “sharing/communication” activity – NOAA Marine Debris poster contest – conducted for each of 6 classes.	Students will exhibit an increase in knowledge about: watersheds (and will be able to describe their own watershed), the ocean, marine mammals, and marine debris.	Students will leverage their understanding of the connection between watersheds and the ocean, to help protect coastal/ocean resources later in life.
2. Enable students to engage in stewardship activities	<ul style="list-style-type: none"> ▪ Save The Whales staff ▪ CSUMB Service Learning students and interns ▪ Support and assistance from teachers and administrators ▪ Materials and supplies ▪ Schoolyard, local park and protected beach 	Conduct three educational outdoor field events for 6 classes of children, including a litter pickup at each event and water quality monitoring at two of the events.	Outdoor field events comprise 6 schoolyard litter pickup events, 6 local park field events, and 6 ocean field events. Litter pickup activities will occur at a total of 18 events, and water quality monitoring will occur at a total of 12 events.	Students will actively participate in litter pickup and water quality monitoring events, and will participate in stewardship activities at home (e.g., recycling, reusable shopping bags, etc.).	Students will maintain environmentally responsible behavior and continue to act as environmental stewards.
3. Help students develop a stronger sense of connection with the ocean and a sense of environmental responsibility	<ul style="list-style-type: none"> ▪ Save The Whales staff ▪ CSUMB Service Learning students and interns ▪ Support and assistance from teachers and administrators ▪ Materials and supplies ▪ Local park and protected beaches 	Conduct three in-class educational presentations plus three outdoor hands-on events for 6 classes of children to educate them about watersheds, the ocean, and marine debris. Conduct NOAA Marine Debris poster contest.	A total of 18 WOW™ classroom presentations, 6 schoolyard litter pickup events, 6 local park field events, and 6 ocean field events conducted. One in-school “sharing/communication” activity – NOAA Marine Debris poster contest – conducted for each of 6 classes.	Students will identify more closely with the environment and will develop a sense of environmental responsibility.	Students will maintain environmentally responsible behavior and continue to act as environmental stewards.

Project Timeline

Task	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul
1. Project administration												
2. Project coordination and scheduling												
3. Teacher orientation (2 days)												
<i>Pre-survey administered to students</i>												
4. WOW™ Watershed Model												
5. Outdoor Activity: Schoolyard litter pickup (same day as Watershed Model)												
6. WOW™ Amazing Lives of Sea Turtles												
7. NOAA Marine Debris Art Contest												
8. Parent Education Workshop												
9. Outdoor Activity: Arroyo Seco Park												
10. WOW™ Dee The Beautiful Whale												
11. Outdoor Activity: Salinas River State Beach												
<i>Post-survey administered to students</i>												
<i>Teacher focus groups</i>												
12. Evaluation and Final Report (and B-WET National Evaluation, if requested)												

Example