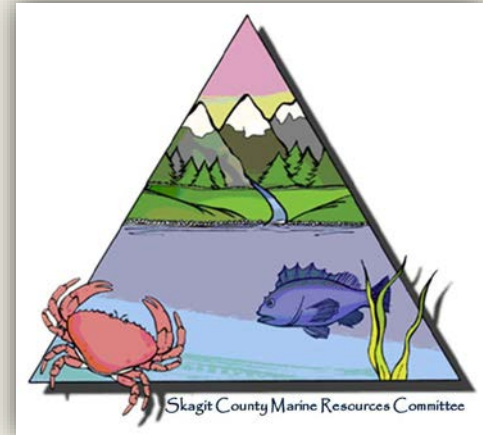
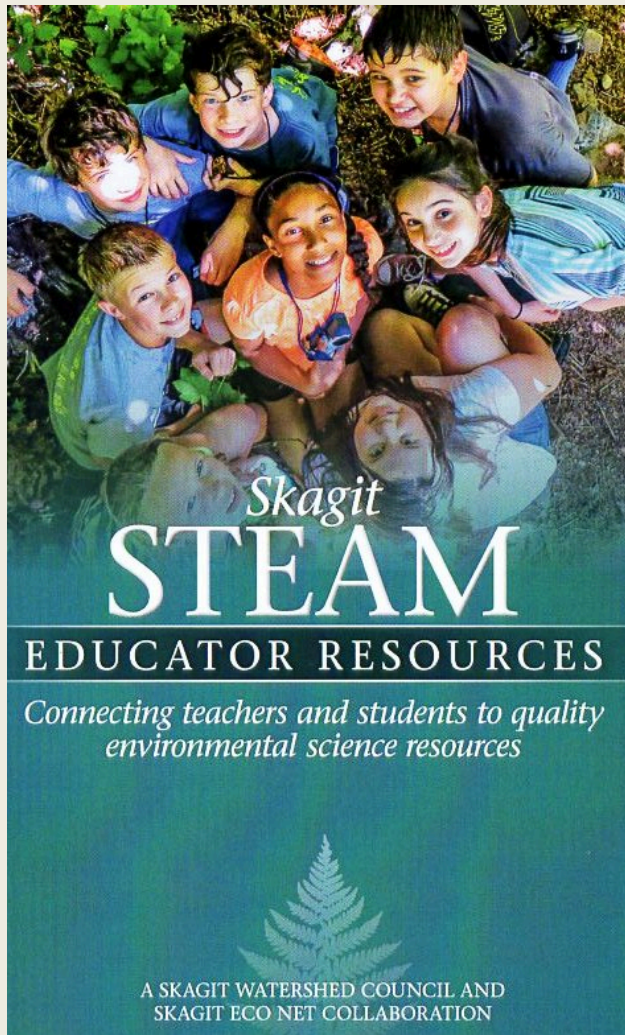


Kids on the Beach 2018

- Program description
- Ideas for the future





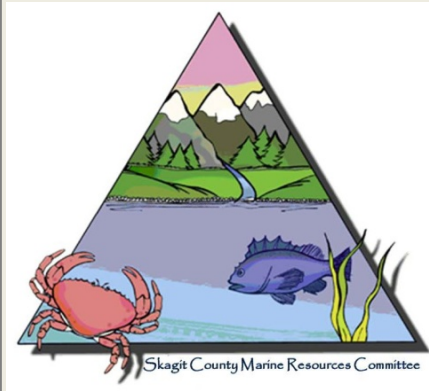
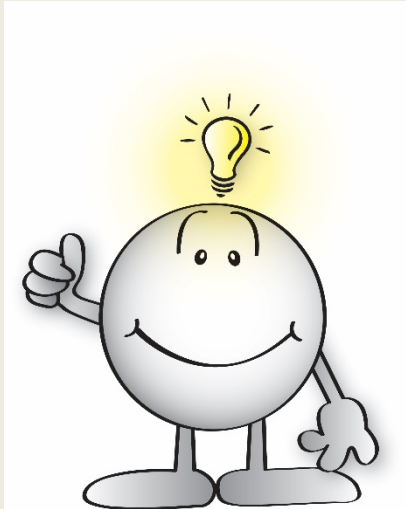
Skagit Watershed Council

2016-17 effort

18 participants

40 + Offerings







**But it
actually
took a
village**



And some prayers



Rosie Cayou



Samish Indian Nation

The Process

Request for Proposals
One Ocean
Environmental seeks
to fund research that
supports recovery of
nearshore fish species
in Fidalgo Bay, WA....

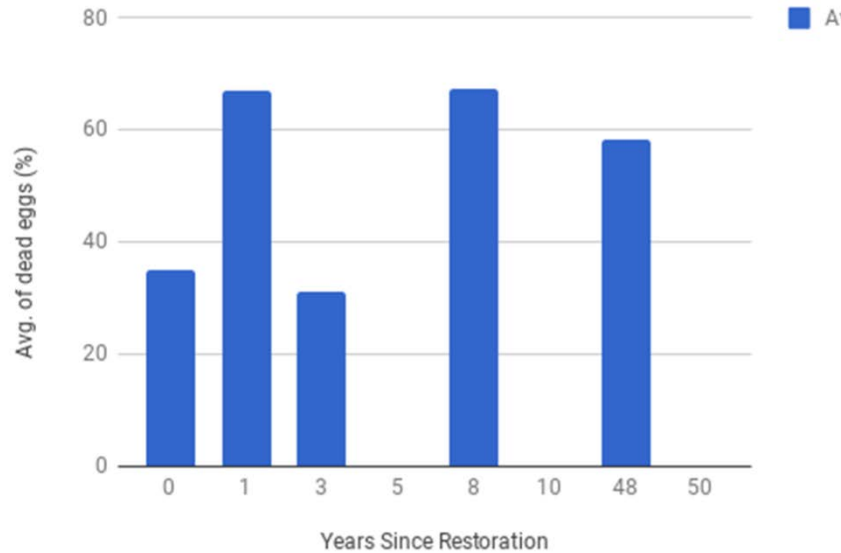


Question

Will the section of beach that has been restored for a longer period of time contain more surf smelt eggs than the one that has been restored for fewer years?



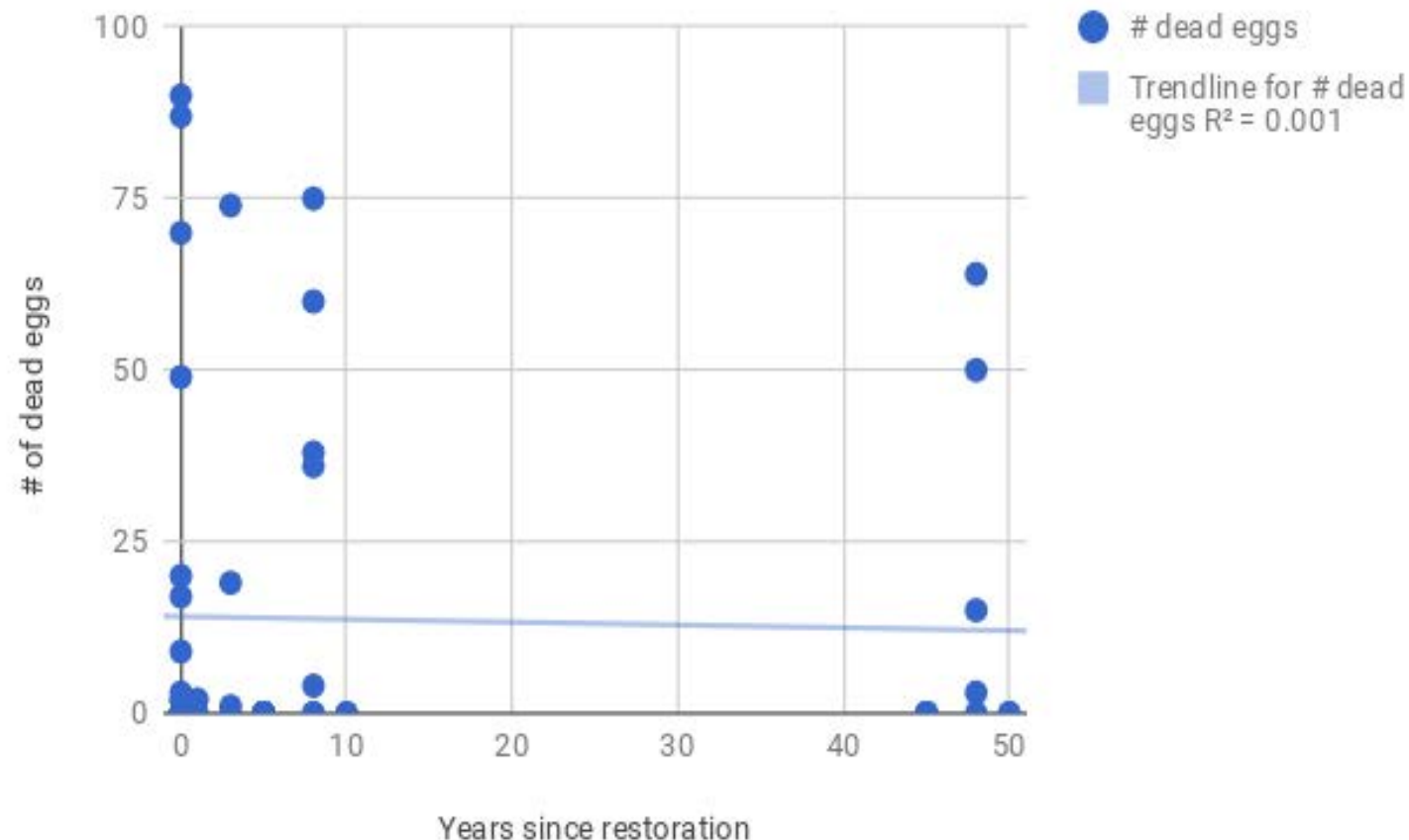
Avg. of dead eggs (%) vs. Years Since Restoration



Results and Science Communication

Claim: The answer to this was no, there was no strong relationship that as the years of restoration increase, the total amount of smurf smelt eggs would increase.

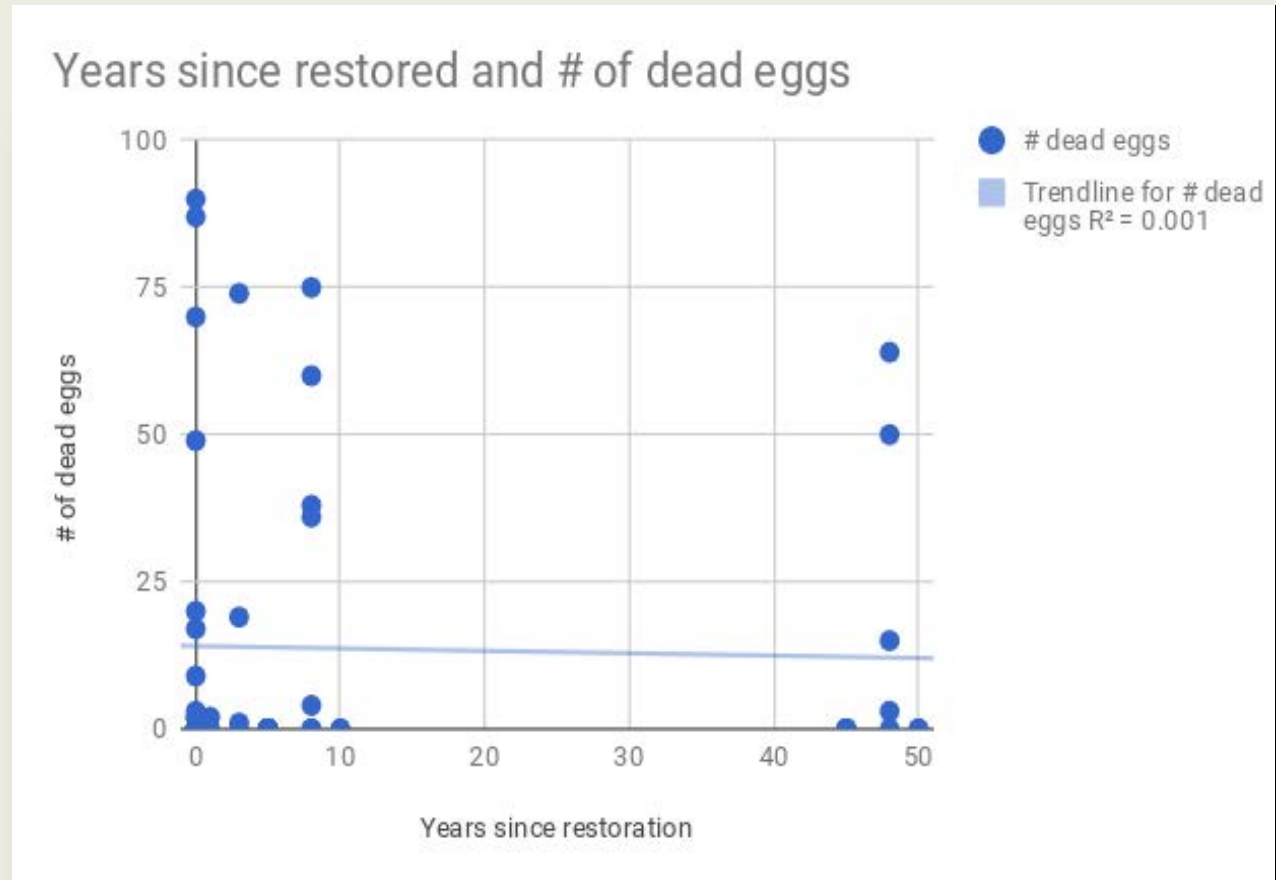
Years since restored and # of dead eggs



Claim: The answer to this was no, there was no strong relationship that as the years of restoration increase, the total amount of smurf smelt eggs would increase.

Evidence... We know this because our R^2 value was 0.001, which means our regression line is a bad fit and there is no relationship between the two variables. Our P value was 0.92 which means there was no significant difference between the years.

We don't think we had enough trials to show





Students generated
usable data

- Both the surf smelt data and nearshore fish diversity data were added to WDFW data sets



Meaning of results in the bigger picture of the ecosystem. . .



Skagit Valley Herald

MONDAY
APRIL 23, 2018

A family owned newspaper serving Northwest Washington since 1884

EDUCATION FOCUS

SCIENCE AT THE BEACH

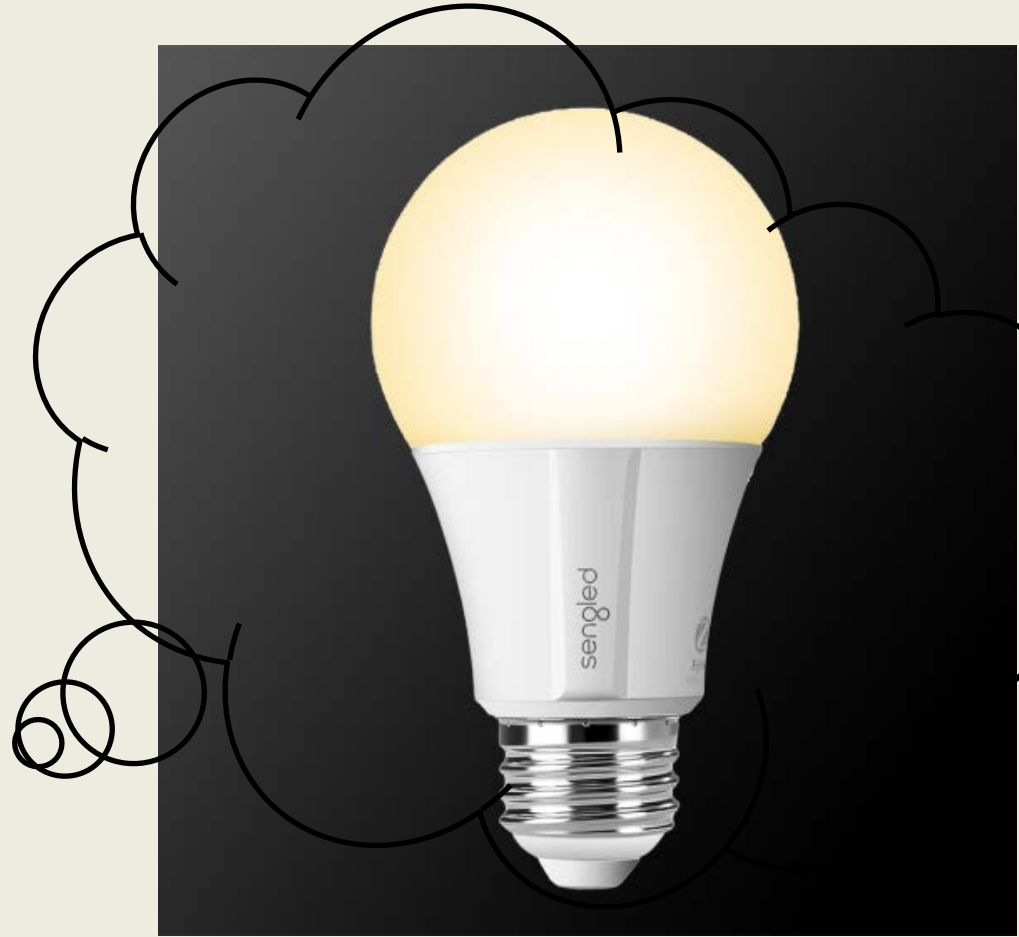


Conway School eighth-graders Catie Couch (left) and Katelynn Hubbard react Wednesday at the prospect of handling a fish. The two gathered their courage and measured the fish during a youth program sponsored by the Skagit County Marine Resources Committee at the Fidalgo Bay RV Resort.

PHOTOS BY SCOTT TERRELL / SKAGIT VALLEY HERALD

Pilot program focuses on 'real scientific work'

Hey, can we get more
kids on the beach?



Team SeaDoc!

- Raise a new generation of ocean-literate citizens by connecting resources throughout the Salish Sea

- Explore the Salish Sea
A Nature Guide for Kids



- Junior SeaDoctors
www.juniorseadoctors.com



Explore the Salish Sea

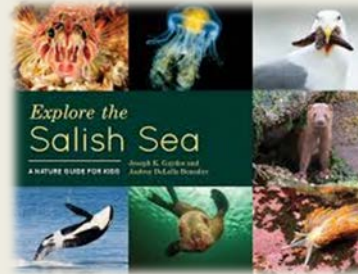


Question: Can we get more kids on the beach?

Hypothesis: I think so!

Methods and Materials:

- 1 big thinker
- 1 scientist/educator
- 1-3 willing teachers
- 1-3 class sets of a stellar book about the Salish Sea for kids
- community partners (lots)
- project idea
- 1 miracle-working MRC Coordinator



Results

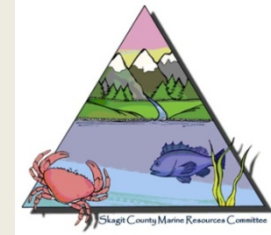
MRC	YES	NO
Clallam		
Island		
SanJuan		
Jefferson		
Snohomish		
Whatcom		



HELP Make the Future!!!



Jefferson County
**Marine
Resources
Committee**



San Juan County
Marine Resources
Committee



Snohomish County
Marine Resource
Committee



ISLAND COUNTY
MARINE RESOURCES
COMMITTEE



THE END – Thank you