

Watershed Explorers Program Report: 2017-2018



Watershed Explorers

- * 3 Year NOAA B-WET grant for outdoor education programming, provided free to K-8 with possibility for financial assistance to help cover transportation (bus scholarships).
- * NGSS, Common Core and NOAA Climate Literacy supported classroom lesson and field trips (Garland Ranch and Carmel River State Beach).
- * Walk the Watershed and learning objective themed games.
- * Ask the Bugs! Using Macroinvertebrates as indicators of overall river health.
- * NOAA Marine Debris Monitoring.





2017-2018 Report

What was our impact?

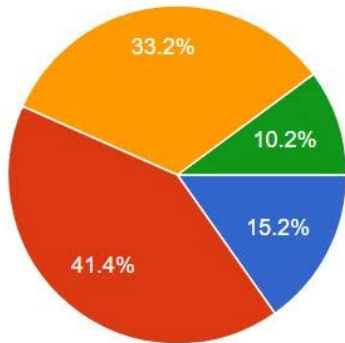
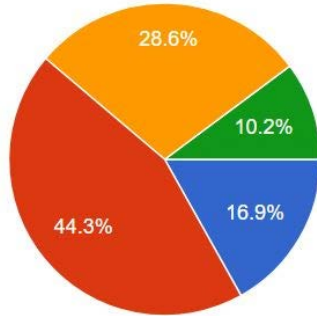
- Total 1,773 students served
- 1,116 (63%) reached were from Schoolwide Title 1 schools
- 13 Teachers trained

- In a sample of 158 surveys, 93.4% responded that they had never been to Garland Ranch prior to the field trip and 87.8% said that they would like to visit again.
- 1-8th all showed significant improvement on at least one learning outcome.



I would like to be a scientist someday

255 responses



- Strongly Disagree
- Disagree
- Agree
- Strongly Agree



Moving Forward: Watershed Guardians 2018-2019 and Beyond



Highlights = Our Carmel River test sites

The Museum of Natural History's STREAM project engages students K through 12 in three strands of educational content and citizen science monitoring.

Watershed Guardians (6-12):

- Water quality testing
- Baseline dataset
- Measure environmental change
- Assess habitability for steelhead trout
- Fully Museum funded

The goal:

- Increase appreciation for habitats and species.
- Increase stewardship of resources.



Please get in touch with questions or comments!

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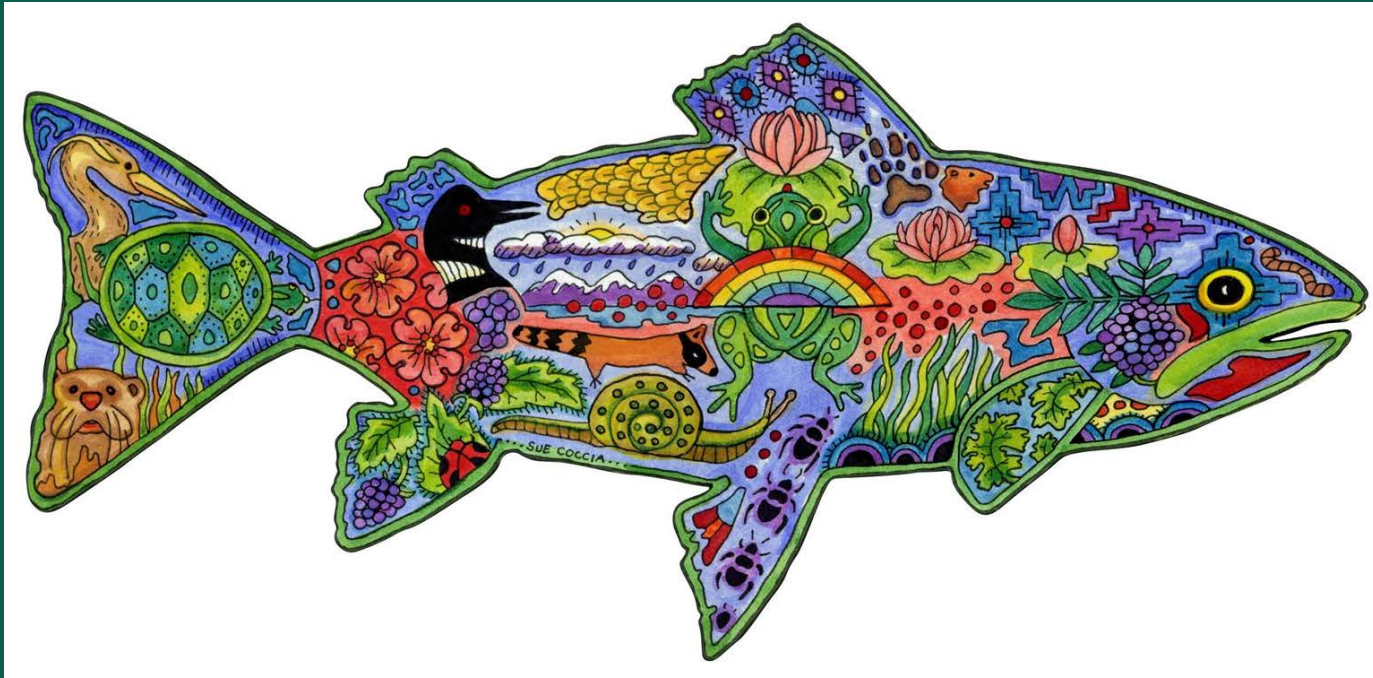


Image Credit: EarthArt International