Taking Action Outdoors with Students

STEP	SPECIFIC	EXAMPLE (from BayLab)
1. Problem	What is happening that needs to be changed?	Organisms necessary to the health of the Bay are dying
2. Issue	Narrow the problem down into something that can be addressed	Re-introduce bay grasses and filter feeders into the Bay
3. Research Question	Ask a specific, scientific, answerable question	Where will the re-introduction of the organisms succeed?
4. Study Design	Design and carry out a study to answer the question	In the lab, test conditions that mimic Bay conditions. Find out what conditions the organisms will tolerate.
5. Data Evaluation	Evaluate the data collected in terms of what it tells you about the issue being addressed	Check conditions at various locations in the Bay and determine where reintroduction is most likely to succeed given the conditions the organism tolerated in the lab.
6. Conclusion/Recommendation	Given the data, decide can be done to address the issue	Choose a location to try reintroduction.
7. Action Plan	Create a plan that is realistic and carries out the recommendations	Detail all the specifics: What organism will be reintroduced? Where will the reintroduced organisms come from? When and how will reintroduction be carried out? How will the success of the reintroduction be monitored? etc.