



2016 - 2017 Evaluation Summary

We have worked with Brandeis University's Center for Youth & Communities for 17 years to evaluate our educational model. This process allows us to consistently provide high-quality programming that creates considerable value for communities. With the support of the Center of Youth and Communities, we have improved our programming with a process of ongoing feedback and reinvention.

Educator Evaluation Summary:

- 91% report participation increased students' understanding of environmental issues in the community.
- 78% report students' increased ability to apply science theory and methods to environmental issues.
- 68% report students' increased interest in STEM careers.
- 68% reported an increased emphasis on environmental issues in the classroom.

Student Evaluation Summary:

- 77% report they talked about how STEM skills and knowledge can help solve environmental problems in their classrooms.
- 85% report they collected or analyzed data.
- 77% report they learned about policies and practices as part of their project.
- 86% rated their experience with Earth Force as excellent or good.

Students reported the following on how they have changed as a result of leading an environmental project:

- 93% were more aware of environmental issues in their community.
- 79% were more interested in learning about environmental issues in the community.
- 92% had a better understanding of environmental issues in their community.
- 73% now know where to find information on environmental issues in their community.
- 86% are more interested in protecting the environment.
- 86% now know how to work with others to solve environmental problems.
- 75% are more committed to working on environmental issues.

Students reported the following on how working on their project helped them think about STEM and STEM careers:

- 74% now know about the kinds of jobs and careers that use STEM.
- 77% had a chance to apply math and science to their environmental problem.
- 68% more interested in having a STEM related job or career.
- 72% want to take more math or science in the future.