Collaborative-Based Projects

**Bucket Buddies**

In this project, students collect, identify macro invertebrates, and share information about their local ponds with other participants.

- **Grades:** 1-5
- **Subjects:** Science, Geography, Language Arts
- [www.stevens.edu/ciese/curriculum/bucketproj/](http://www.stevens.edu/ciese/curriculum/bucketproj/)

**Square Of Life**

Students share information about the plants, animals and non-living objects found in their schoolyard environment with other students from around the world.

- **Grades:** 1-5
- **Subjects:** Science, Mathematics, Language Arts, Geography, Social Studies
- [www.stevens.edu/ciese/curriculum/squareproj/](http://www.stevens.edu/ciese/curriculum/squareproj/)

**Down the Drain**

Students from around the world collect data on their daily water usage and compare results.

- **Grades:** 4-8
- **Subjects:** Science, Mathematics, Reading, Measurement
- [www.stevens.edu/ciese/curriculum/drainproj/](http://www.stevens.edu/ciese/curriculum/drainproj/)

**The Global Sun**

Students explore relationships between temperature, sunlight and proximity to the equator to determine how geographic location affects average daily temperature.

- **Grades:** 5-8
- **Subjects:** Science, Mathematics, Language Arts

**The Global Water Sampling Project**

An Investigation of Water Quality

Join students around the world in this environmental study to compare the water quality of local rivers, streams, lakes or ponds with fresh water sources.

- **Grades:** 9-12
- **Subjects:** Environmental Science
- [www.stevens.edu/ciese/curriculum/waterproj/](http://www.stevens.edu/ciese/curriculum/waterproj/)

**The Noon Day Project**

Students recreate the remarkable measurement of the circumference of the earth that was conducted over 2,000 years ago.

- **Grades:** 5-12
- **Subjects:** Environmental Science, Mathematics
- [www.stevens.edu/ciese/curriculum/noonday/](http://www.stevens.edu/ciese/curriculum/noonday/)

**The International Boiling Point Project**

Which factor has the greatest influence on the boiling point of water? People across the globe are boiling water to find out!

- **Grades:** 6-12
- **Subjects:** Physical Science, Mathematics
- [www.stevens.edu/ciese/curriculum/boilproj/](http://www.stevens.edu/ciese/curriculum/boilproj/)

**HUMAN GENETICS**

Which traits are controlled by dominant genes and how frequently are they expressed? Students gather data from all over the world to find out.

- **Grades:** 6-12
- **Subjects:** Life Science, Biology, Science, Mathematics
- [www.stevens.edu/ciese/curriculum/genproj/](http://www.stevens.edu/ciese/curriculum/genproj/)

**Join a Dip:**

Students compare the water quality of local rivers, streams, lakes or ponds with fresh water sources around the world.

- **Grades:** 6-8
- **Subjects:** Environmental Science, Biology, Chemistry

**CONTACT:**

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