

- Rutgers University Institute of Earth, Ocean and Atmospheric Sciences, New Brunswick
- Rutgers University Water Resources Dept, New Brunswick
- Raritan Headwaters, Flemington, NJ
- MD/PhD researcher to investigate asthma and allergies markers for climate change
- Hunterdon County Board of Health
- Hunterdon County Department of Emergency Management
- Hunterdon County Vocational Academies
- Readington Township Environmental Commission
- Sustainable New Jersey for Schools
- Rutgers University Teen Climate Change: Partnered with 14 schools across state
- Community FoodBank of NJ Teen Hunger Summit
- America's Grow-A-Row
- (pending) Laikipia, Kenya: Partner school with Environmental Scientist in Kenya for Kenya/NJ water quality investigation

10. How are your descriptions in number 8 supported or enhanced by your efforts in Pillar 1 to reduce environmental impact and costs for your school. (Max 100-words)

Our partnership with Schools for Energy Efficiency (SEE) program has resulted in a significant reduction in energy use over the last 4 years. The district benefits in terms of reduced expenditure, but more importantly for our environment, we have lower demand on local utilities. The installation of the solar panels has resulted in increasing electricity consumption drawn from our solar panels and not the grid. Our Raritan Headwaters Watershed Ambassadors underscores the need for all of us to protect our watershed, and the importance of not taking our water source for granted. In a community where the majority of the homes are supplied primarily by well water, children and adults alike need to understand the importance protecting our most precious resource through conserving water use and also ensuring that our waterways are kept clean and free of trash, point- and non-point source pollution, toxins, lead, pet waste, and more.

Summary Questions for Pillar 3: Describe any other ways that your school integrates all three pillars into curricula, student learning and school culture to provide effective environmental and sustainability education. Highlight innovative or unique practices and partnerships. (Max 200-words) Our enrichment program in an interdisciplinary program rooted in 21st century themes of Global Awareness and Innovation, along with Economic, Business, Entrepreneurial, Civic, Health, and Environmental Literacies. Innovation and sustainability serve as integrating contexts, allowing students to link knowledge, inquiry, and action through inquiry-based learning and action research. Open-ended assignments include the development of student-driven products related to real-world applications or problem-solving. Students interact with role models, community resources, mentors or professionals in the field to explore advanced content as they work to address and find solutions to social, economic, and environmental challenges in the local and global community. The Sustainable Development Goals are the program "sandbox" where students work together with an aim towards a better and more sustainable future for all. They address the global challenges, many often interconnected, such as poverty, inequality, climate change, environmental degradation, and justice. Enrichment topics include: sustainable cities, storytelling with data, the triple bottom line (people, planet, and profit), biomimicry, and regenerative design.