

Sandy Spring Friends School | Green Schools Application | Objective 2

2. Student Action

Demonstrate that students are taking a step beyond instruction and responding to environmental issues by planning, implementing, leading, and/or participating in sustainable practices. Schools must document eight total actions that address at least three of the listed sustainability practices.

ACTION 2

Sustainable Practice:

2.8 Citizen/Community/Participatory Science

Description:

As part of a senior passion project, a student is installing a student-run weather station on campus to expand hands-on climate learning at SSFS. Inspired by experience as a National Weather Service storm spotter and independent research on extreme weather, the student designed the project to move beyond classroom study into sustained action. Students will maintain the station, collect and analyze real-time weather data, and share findings with the school community. Located in our Upper School building, the station serves as both a learning tool and visible structure that encourages ongoing observation of local climate patterns and environmental change.

Documentation/Files/Images:

- [Senior Passion Project Writeup](#)
- [Instagram Post](#)
- Ambient Weather station: [SSFS Weather-‘Beests, Ashton-Sandy Spring, MD](#)
- Weather Underground station ID: KMDSANDY6
- weather.gladstonefamily.net/site/G6292?
- https://mesowest.utah.edu/cgi-bin/droman/meso_base_dyn.cgi?stn=G6292
- weather.gov/wrh/timeseries?site=G6292
- Photos attached below

