



GSB NEWSLETTER STREAMS

Fall 2020

SUSTAINABILITY • TECHNOLOGY • RESEARCH • ENGINEERING • AGRICULTURE • MATH • SERVICE

Welcome to the STREAMS newsletter! Our campus has been bustling with energy and excitement – everyone is so happy to be back!

Reminders

- Our STREAMS parent letter went home during the first weeks of school, detailing procedures on safety and supervision, sun, mud and water, insects/plant irritants, animal interactions, and weather. Refer to the [STREAMS parent letter](#) for more information.
- Students are required to bring tall waterproof boots, extra socks, and a set of clothes, which do not have to be in dress code. Please reach out if you require assistance in acquiring boots or an extra change of clothes.
- Welcome to our new faculty members: Eva Peña – 5th Grade Science/STREAMS teacher and Christina Temnycky – 6th Grade Science/STREAMS teacher
- Important Dates:
 - **October 20th**: Egg Day! Our “Trout in the Classroom” program officially began with the arrival of rainbow trout eggs from the Peaquest Trout Hatchery. Fifth and sixth grade students will be involved in the care of our trout guests.



STREAMS classes and can always email with any questions.

Home Winds Updates

We would first like to welcome our new farm manager, Edward “Ned” Lincoln. He has some wonderful ideas to bring to the continued growth and development of Home Winds, and we cannot wait for the students to work with him throughout the year!



We have had a busy start to the school year at Home Winds – 10 new calves were born! We have had two interns helping make sure the farm continues to thrive. We will soon be harvesting honey from our hives – stay tuned for how much we get from our bees this year.

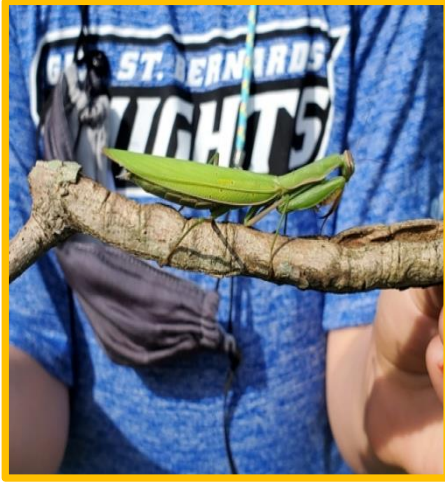
If you are interested in purchasing Home Winds products, including: produce, flowers, eggs, honey, and beef, stop by our farm stand right on St. Bernard’s Road or go to the [Home Winds Page](#) for more information.



Fourth Grade

Fourth graders started our STREAMS studies by focusing on the science practice of observation. We have started recording natural phenomena in our nature journals. We started with the autumnal equinox and made a record of patterns of changes

that we see in the fall. We are working on creating a connection with nature by learning how to use our "North American Wildlife" field guides and making entries in our "Owl Eyes" book. The "See, Think, Wonder" thinking strategy



helps us focus our observations. We are collecting data for our operations team by determining what type of trees spotted lanternflies like to be on. This is a study in basic ecology, invasive species, balanced ecosystems, agriculture, mapping, and basic tree identification. We will be working to create a campus field guide with our new skills. Our first species record is poison ivy. It plays a part in our native ecosystem and can be found in habitats around us here in New Jersey. We are identifying it, so we can avoid it when we explore.

Fifth Grade

The fifth graders started STREAMS this year by playing a safety egg hunt! The egg hunt allowed the students to visit the Home Winds farm and other outdoor areas that we will be using during our STREAMS Program. The students also enjoyed going into the stream during this warm weather! Students then took their measurement and



observation skills to Home Winds! We measured different body parts of the goats using the metric system. The students practiced their

observation skills by referencing a goat diagram and matching their diagram to the real goats. The following week, we searched for seeds at the Home

Winds garden to estimate and measure their mass and volume. The students did an excellent job finding all kinds of seeds and applying their new skills! The students started working with "The Nature Connection - An Outdoor Workbook" by Clare Walker Leslie. The students practiced their nature observations by taking notes of living and nonliving natural things around campus using all of their senses!

Sixth Grade

The sixth grade is taking advantage of the beautiful weather this month! The students did water testing on the pond and made maps of Home Winds and the garden. We also began our study of the Peapack Brook. Students took several measurements so they could calculate the approximate volume of the stream and how much water flows per second. Each sixth grader practiced his/her observation skills, making note of our stream's characteristics.



Our rainbow trout eggs arrived on October 20th! We will continue our studies of our campus bodies of water to make sure they are safe for the trout.

