



# GSB STREAMS

Winter 2021-2022

NEWSLETTER

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

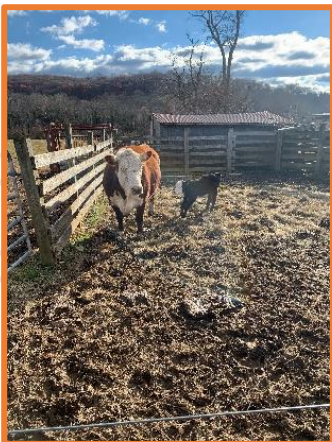
## Welcome to the STREAMS Newsletter!

As our campus changes through the seasons, our students are exploring it all!

### Reminders

- With the weather getting cooler, please send the students with hats, gloves, coats, and layers. They should have warm socks to wear with their boots. We still explore campus in the winter months!
- Important Dates:
  - February 4<sup>th</sup>: Parent-Teacher Conferences - No School for Students
  - February 18<sup>th</sup>: PD Day – No School for students
  - February 21<sup>st</sup>: President’s Day – No School

### Home Winds Updates



There is a lot happening on the farm right now! The garden is covered and protected for the winter to prepare the soil for spring planting. This covering protects the soil from erosion and reduces the spring weed pressure

giving our seeds the opportunity to grow.



The goats are expecting and due to start giving birth in February. Several classes had the opportunity to visit the animals in the barn.

We obtained a new ram this fall, and now the sheep are expecting. Lambing season will

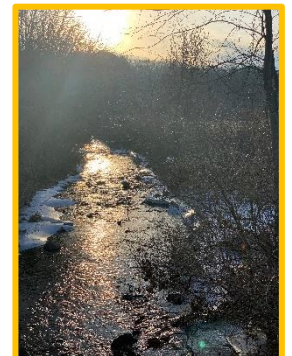
begin mid-Spring around April.

Our chicken tractor is done! You can check out the Instagram



post for more information on the wonderful project completed by Mr. Ort and several Upper School students.

For more information, including recent news, visit the [Home Winds Page](#) for more information.



## Fourth Grade

Fourth grade explorers have continued to use their *Owl Eyes* book, Nature Journals, and Field Guides



to make connections to nature. They learned to use watercolor pencils to add a fall palette of colors to their nature journal. We created ephemeral art with sticks, twigs, and rocks at HomeWinds Farm and had an amazing opportunity to see a flock of hundreds of

geese fly overhead and land in the pond.

We have just started our tracking lessons, to learn to look closely to examine signs and tracks of animals that surround us. Using a series of clues, track images, and our field guides we were challenged to identify 18 different animals based on their tracks. We hope



that we will have some snow soon in order to explore for tracks outside in the coming weeks!

## Fifth Grade

The fifth-grade scientists have been learning about biodiversity and animal migration during our Diversity of Living Things Unit. For the unit cumulative project, they have been working on their animal migration projects. They began this project by practicing their mapping skills with latitude and longitude. They mapped the journey of the Monarch butterfly migration in the North American continent. With their partners, they then chose an animal that migrates and is culturally relevant to a population around the world. They had to do research on the animal's migration route, find possible latitude and longitude coordinates where the animal could be found, and the reason why the animal migrated.

They further had to figure out what the animal symbolizes to different cultures as well as how humans influence their lives and



migration routes. The students did an excellent job at completing their research and mapping their migration routes. After the winter break, we began

our Space Unit by looking at the Solar System formation. The students began their space exploration project. Through this project, the students will have to plan a space journey to their destination of their choice. They will research information about their planet to figure out information that will help them safely design their trip to outer

space. Based on their destination, they will have to figure out what kind of spacesuit they will create and other needs in order to have a safe expedition!



## Sixth Grade



Students in the sixth grade have continued to work on their observation skills going to different parts of campus to practice utilizing all of their senses through the monthly activities in their Nature Connections books. Students were also able to learn more about the animals on our farm with a visit with our farm

manager, Mr. Lincoln, walking around to learn about the different animals. He talked the students about the goats and sheep as well as introduced the students to the most recent calf. We learned about the calf's growth and about the goats being pregnant likely with twins!

Sixth graders also got the opportunity to tap the maple trees in front of Hemm House – an annual tradition. They picked spots on our maple trees for the buckets, help tap the spiles into place, and tasted a bit of the sap as it started to flow from the tree. In the spring, we should be able to taste some of the actual syrup!

