



# GSB STREAMS

Spring 2021  
NEWSLETTER

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

**Students explored our campus and enjoyed nature, even with all the snow on the ground!**

## Reminders

- This is a good time to check on change of clothes! As students have grown, they may have outgrown some items. As it warms up, we will be going outside more often.
- Important Dates:
  - ERBS: Week of April 5<sup>th</sup>
  - No School (Good Friday): April 2<sup>nd</sup>
  - No School (Professional Development Day): April 16<sup>th</sup>

## Home Winds Updates

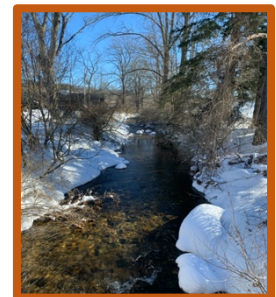
What a winter wonderland! The cattle (mostly the calves) enjoyed frolicking in the snow, while the sheep and goats waited inside patiently to have their lambs and kids. All three goats gave birth, so now we have six little kids bopping around their barn pen. They are athletic climbers and jumpers, almost immediately since birth, so we made them a three-tiered play structure out of old feed bins of different sizes.



When they aren't napping with bellies full of milk, they're jumping up and down on those bins. Once the snow melts, they'll have a grand time outside.



The sheep have given birth, too! We have 15 lambs that joined the kid goats on the farm. As days have gotten longer, the chickens started laying in higher numbers again. Please keep your eyes open for the farm stand and come buy eggs!



## Fourth Grade

With so much beautiful snow, we explored the core routine of tracking! When presented with a picture of a mystery track in the snow, fourth graders closely examined the image and used their field guides to narrow down the identification. Acting as scientists, students gathered pattern evidence and asked questions to help draw a conclusion that it was some sort of canine - a fox, coyote, or dog - but could not go any further without additional evidence. They created natural history field guide pages for the animal they thought had left the tracks.



Fourth grade ecologists are exploring the temperate deciduous forests as part of our annual collaborative Related-Arts Biome

Project. The Biome Project is being reimaged this year as we create a Biome Zoo, with each grade level researching a different biome. Students already started to become experts on a local animal when they started their research in Library class. We learned to interpret climograph data to compare the climate conditions here in New Jersey with conditions in the other biomes. Keep an eye out for the Biome Zoo Museum coming soon!

## Fifth Grade

The fifth graders were busy at work wrapping up their Space Unit and starting their Dynamic Earth Unit! We looked inside the Earth and travelled out to space by using Augmented Reality with Merge Cubes and the help of Mrs. Johnson. The students had fun exploring and learning. Students shared their favorite fact with their virtual peers. For the Dynamic Earth Unit,

students observed each sphere around GSB and their own homes. They came up with great ideas on how the spheres connect and work with one another. At the end of February, we visited the newly born goats at Home Winds Farm!



## Sixth Grade



Sixth grade enjoyed exploring our campus throughout the winter months. Upon our return from Winter Break, students helped tap

several maple trees in front of Hemm House on Home Winds. They learned about the ideal conditions for collecting sap and how that sap is made into maple syrup.

Throughout January and February, sixth graders researched some of the birds spending the winter here in NJ. Utilizing their research guides and Feederwatch.org, students designed and built bird feeders, which now hang at Home Winds! All of the students were able to visit our kid goats and see the pregnant sheep - soon we will visit the lambs!

