6th Grade - Winter
Population Dynamics and Snowshoeing
Classroom Teacher Information

Programs are subject to change based on weather, temperature, road conditions, public health and safety concerns.

Synopsis:
In this investigation, students will simulate the interactions among organisms across ecosystems and predict patterns of their interactions. Students will take on the role of Wildlife Managers and use a model to develop understanding of how management decisions cause changes in an ecosystem. Additionally, students will have the opportunity to enjoy an easily accessible form of outdoor recreation while making observations in nature.

Students will:
- Participate in analyzing data which provides evidence of the effects of resource availability on organisms and populations in an ecosystem.
- Construct an explanation that predicts patterns of interactions among organisms across multiple ecosystems.
- Construct an argument supported by evidence that the stability of populations is affected by changes in an ecosystem.
- Share their conclusions verbally in small and large groups.
- Explore the National Forest.

Length of Program: 2.5 hours
Location: Stokes Nature Center
Season Offered: Winter
Program Fee: $9 per student (includes snowshoe rental)

Logistics:
- Please plan time to load the bus at your school and drive to the field site.
- Confirm the location of your field experience with the driver before leaving your school.
- Please arrive at the site 5 minutes before your program starts. Programs will begin and end on time.
- Students should wear comfortable clothing that may get dirty and/or wet.
- We will be outside for the entirety of this program, dressing in layers is advised.
- Students should wear snow boots. Please, no sneakers!
- We have a limited number of boots, coats, and gloves to loan your students if they need them. Please request these at least two days in advance of your program.
- Students should wear visible name tags at all times (packing tape over a name tag keeps them from falling off).
- Please bring one adult per five students (there is no charge for teachers or chaperones).
- Running water will not be available at the site, so please plan ahead with water bottles.
- Restrooms may not be available, depending on the field site, so plan ahead accordingly.

See curriculum connections and Classroom Teacher Pre-Program Preparation on the next page.
Classroom Teacher Pre-Program Preparation

- If multiple classrooms from your school are participating, please ensure that all teachers on your team receive the confirmation email which contains essential information about your scheduled field experience.

Curriculum Connections
SEEd Standards 6.4.1, 6.4.2, 6.4.4

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