6th Grade - Fall/Spring
Population Dynamics and Hiking
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: Fall, Spring
Program Fee: $6 per student

Logistics:
- The school bus should drop you off at the Stokes Nature Center trailhead of the River Trail in Logan Canyon (on the south shoulder of the highway) where you will be met by your Naturalist Educators.
- Please have a plan for dividing your group in half, each smaller group should include a teacher or staff from your school.
- Program will end at the Stokes Nature Center and you will walk with your students back down the trail. Plan 7-10 minutes from the end of the program to walk back to the trailhead.
- Students should wear comfortable clothing that may get dirty.
- We will be outside for the entirety of this program, dressing in layers is advised.
- Closed toe shoes are appropriate. Please, no flip flops!
- 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 adult chaperones.
- Restrooms are available inside the Nature Center.
- Running water will not be available at the site, so please plan ahead with water bottles.

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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| SEL                              | Self-Awareness, Self-Management, Social-Awareness, Relationship Skills, Responsible Decision-Making |

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