



Kindergarten - Fall/Spring Life Beneath Our Feet

Program Description for Classroom Teachers

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

Synopsis:

Students will obtain, evaluate, and communicate information to describe patterns of what all living things need to survive through this interactive, hands-on program.

Students will learn about different types of animals in Logan Canyon and the National Forest and meet a living thing that calls this area home.

Students will investigate the world beneath our feet in an activity that explores the importance of soil for supporting life in many forms. Students will also practice observation skills and using their senses through an exploratory hike.

Students will:

- **Obtain information** on the patterns of what all living things need to survive, and that they live in places that have the things they need to survive
- **Communicate information** on the needs of living things and their surroundings verbally
- Participate in discussion of K topics
- Describe unique geographical features in their community and understand what the job of a naturalist is
- Leave with a better understanding of local wildlife and how to be stewards of the Earth
- Participate in group & individual exploration of living things in the National Forest

Length of Program: 1.5 hours

Season(s) Offered: Fall or Spring

Program fee: \$6 per student

Location: Stokes Nature Center

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 much 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 teachers or chaperones).
- Restrooms are available inside the Nature Center.
- Running water will not be available at the site, so please plan ahead with water bottles.

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.
- See curriculum connections below.

Curriculum Connections:

This program supports learning of **SEEd Strand K.2: Living Things and Their Surroundings**

Standard K.2.1: Obtain, evaluate, and communicate information to describe patterns of what living things (plants and animals, including humans) need to survive. Emphasize the similarities and differences between the survival needs of all living things. Examples could include that plants depend on air, water, minerals, and light to survive, or animals depend on plants or other animals to survive. (LS1.C, LS2.B)

Standard K.2.2: Obtain, evaluate, and communicate information about patterns in the relationships between the needs of different living things (plants and animals, including humans) and the places they live. Emphasize that living things need water, air, and resources and that they live in places that have the things they need. Examples could include investigating plants grown in various locations and comparing the results or comparing animals with the places they live. (LS2.A, LS2.B, ESS3.A)

Science and Engineering Practices	Crosscutting Concepts	Disciplinary Core Ideas
Obtain, Evaluate, and Communicate Information	Patterns	Organization for Matter and Energy Flow in Organisms Cycles of Matter and Energy Transfer in Ecosystems Interdependent Relationships in Ecosystems Cycles of Matter and Energy Transfer in Ecosystems Natural Resources

Additional Utah Core Curriculum Connections

Subject	Standard	Objective
English Language Arts	K.SL.1	Participate in a range of conversations with peers and adults, using age-appropriate vocabulary on topics and texts.
Social Studies	K.2.3	Recognize and describe geographical features in their community that make it unique (for example, mountains, rivers, lakes, roads).
	K.4.2	Relate how different types of work can help people and communities meet their needs and wants.
PE	Strand 2	Students will apply knowledge to attain efficient movement and performance.
	Strand 4	Students will develop cooperative skills and positive personal behavior through communication and respect for self and others.

SEL	K-12	This program supports students growth in all 5 CASEL core competencies: Self Awareness, Social Awareness, Responsible Decision Making, Self Management, Relationship Skills
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