



1st Grade

The Needs of Living Things - Plants

Classroom Teacher Information

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

Synopsis:

In this hands-on exploration, students will dissect flowers to gain understanding of how plants meet their needs. They will explore local flora, make close observations, identify patterns, and construct an explanation of the needs and similarities of plants in Logan Canyon.

Students will:

- Participate in group & individual exploration
- Develop skills in close observation
- Observe and compare external features of plants
- Build appreciation for and make a connection to a local forest

Length of Program: 1.5 hours

Season(s) Offered: Fall or Spring

Location: Stokes Nature Center

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 much of this program, dressing in layers is advised.
- Closed toe shoes are appropriate. Please, **no flip flops**.
- All students and teachers should have a face covering available at all times.
- Students should wear visible name tags (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 adult chaperones.
- Restrooms are available inside the Nature Center.
- Water fountains are not available at the Nature Center, students are welcome to bring a full water bottle.

See curriculum connections on the next page.

Curriculum Connections

SEEd Standard 1.2.2

Science and Engineering Practices	Crosscutting Concepts	Disciplinary Core Ideas
Constructing explanations Obtaining, evaluating, and communicating information	Patterns	Molecules to Organisms

Additional Utah Core Curriculum Connections

Subject	Standard	Objective
English Language Arts	SL 1.1	Participate in collaborative conversations with diverse partners about grade 1 topics and texts with peers and adults in small and larger groups.
	SL 1.2	Ask and answer questions about key details in a text read aloud or information presented orally or through other media.
Social Studies	1.2.1	Describe and demonstrate appropriate social skills necessary for working in a group.
PE	Strands 1-5	Movement and cooperation
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



1st Grade

Winter Interpretive Hike

Classroom Teacher Information

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

Synopsis:

Discover what lives in the forest during winter. Students will explore and make observations of plants and animals (or signs of them) while discussing what is happening in the forest at this time of year. Students will observe the location of the sun and build on their knowledge of the variation of daylight patterns at different times of the day and year. We'll experiment with making shadows and designs in the snow.

Objectives-Students will:

- Participate in group & individual exploration of nature
- Make weather observations
- Discuss changes in the weather from this week to last and this season to last
- Search for signs of living things
- Share their observations

Length of Program: 1.5 hours

Season(s) Offered: Winter

Location: Varies depending on snow conditions (King's Nature Park-Bonneville Shoreline Trail or Logan River Trail at Stokes Nature Center).

Program Fee: \$6 per student

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 gym shoes.**
- 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 (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).

See curriculum connections on the next page.

Curriculum Connections

SEEd Strands 1.1

Science and Engineering Practices	Crosscutting Concepts	Disciplinary Core Ideas
Constructing explanations	Patterns	Earth's Place in the Universe

Additional Utah Core Curriculum Connections

Subject	Standard	Objective
English Language Arts	SL 1.1	Participate in collaborative conversations with diverse partners <i>about grade 1 topics</i> and texts with peers and adults in small and larger groups.
	SL 1.2	Ask and answer questions about key details in a text read aloud or information presented orally or through other media.
Social Studies	1.2.1	Describe and demonstrate appropriate social skills necessary for working in a group.
PE	Strands 1-5	Movement and cooperation
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