

Snow Science Worksheet

Context Data

Date: _____ Time: _____

Weather: sunny cloudy partly cloudy other: _____

Temperature: _____ Wind Direction: _____ Speed: none some high

Trail or area of park: _____

Snow and Ice Monitoring

Find a dry stick on the ground that is at least 1 foot long. Use it to measure the depth of the snow by putting it in the snow until it reaches the hard ground. Pull it out and there should be a water mark along where the stick was in the snow. Place the water mark along the ruler on the side of this page to see how deep the snow is. If it's deeper than the ruler on the page, write >11.

Snow Depth: _____ in

Head to a creek.

Which creek is it? Jones Creek Whites Creek Thomas Creek Galena Creek

Is there water in it? _____ Is there ice on the surface of the water? _____

Is there snow or ice on the banks (sides) of the creek? _____

Why do you think it snows in the winter and not in the summer? _____

Why do you think it's colder in the winter than the summer? _____

What other things are different in the winter than the other seasons? _____

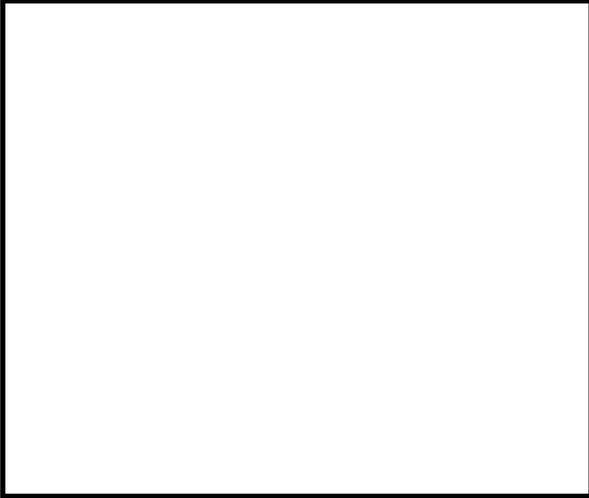


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Vegetation Data

Find a tree or shrub with leaves on it.

Draw it here:

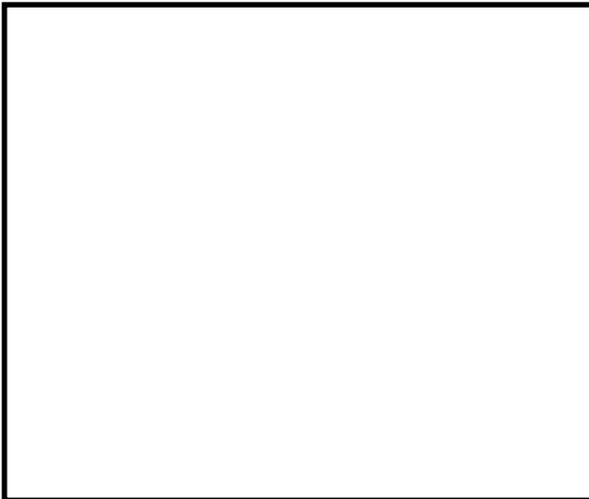


Is it near the creek or away from the creek?

Do you know what species it is?

Find a tree or shrub with no leaves on it.

Draw it here:



Is it near the creek or away from the creek?

Do you know what species it is?

What is your favorite thing to do in the snow? _____

Do you prefer winter or summer? _____

What do you think animals do in the winter? _____

Thanks for helping us gather information about the park! Once you've completed this data collection, take a picture of the front and back and email it to visitorcenter@gbinstitute.org so we can add it to our data analysis!

