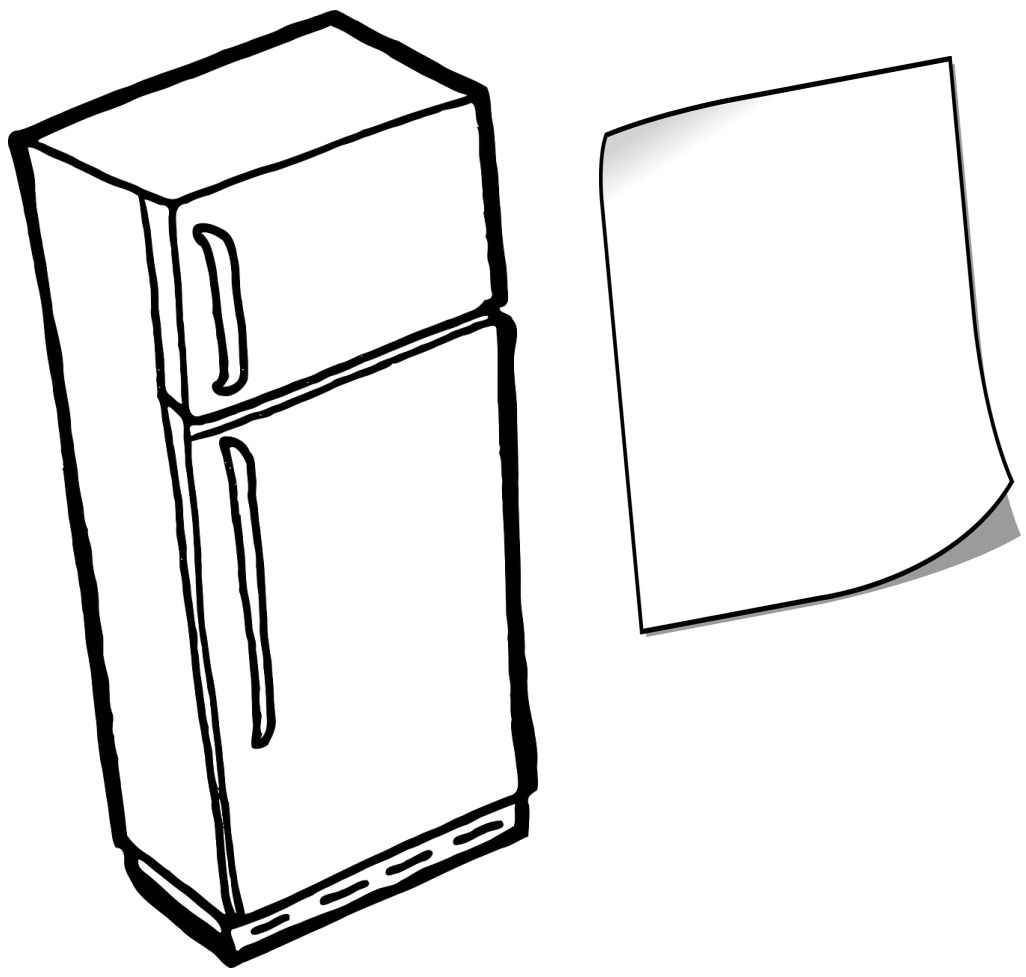
Outdoor EXPLORER

Illustrate

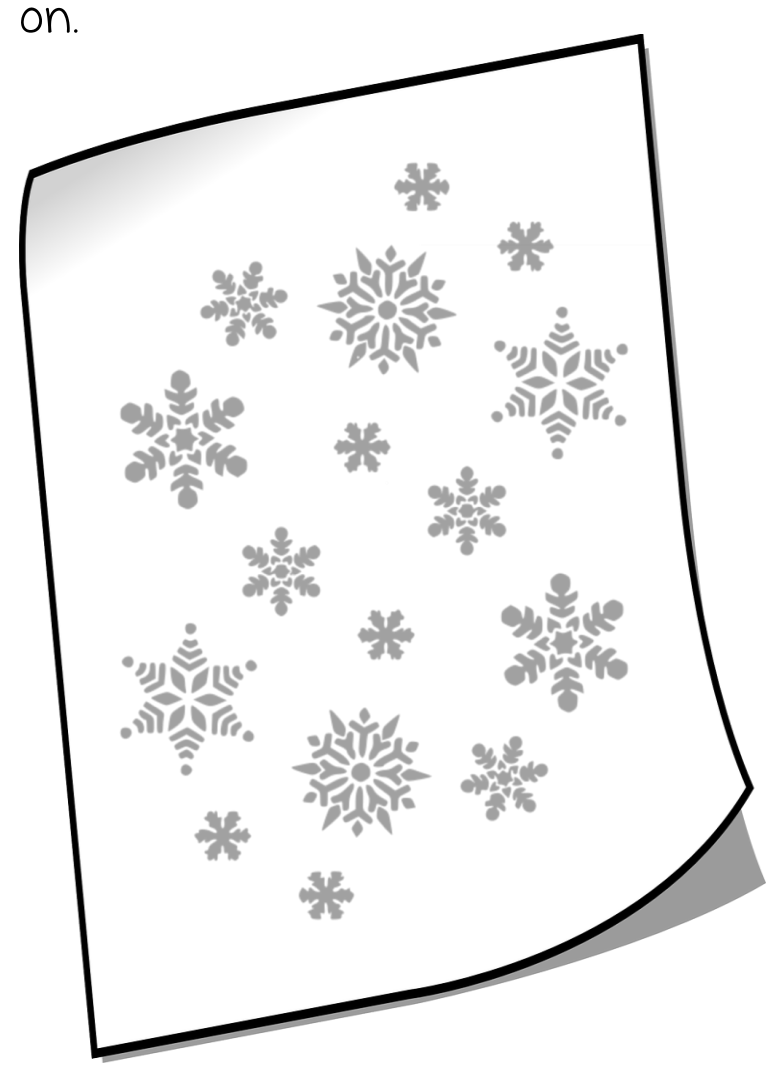
Catch a Snowflake

Directions: Follow the steps below to learn how to catch a snowflake to draw.

1 Freeze a sheet of black construction paper.



2 On a snowy day bring your frozen paper outside to catch snowflakes on.



3 Using a magnifying glass or magnifying app observe the various snowflake shapes.

4 Sketch your observations here.

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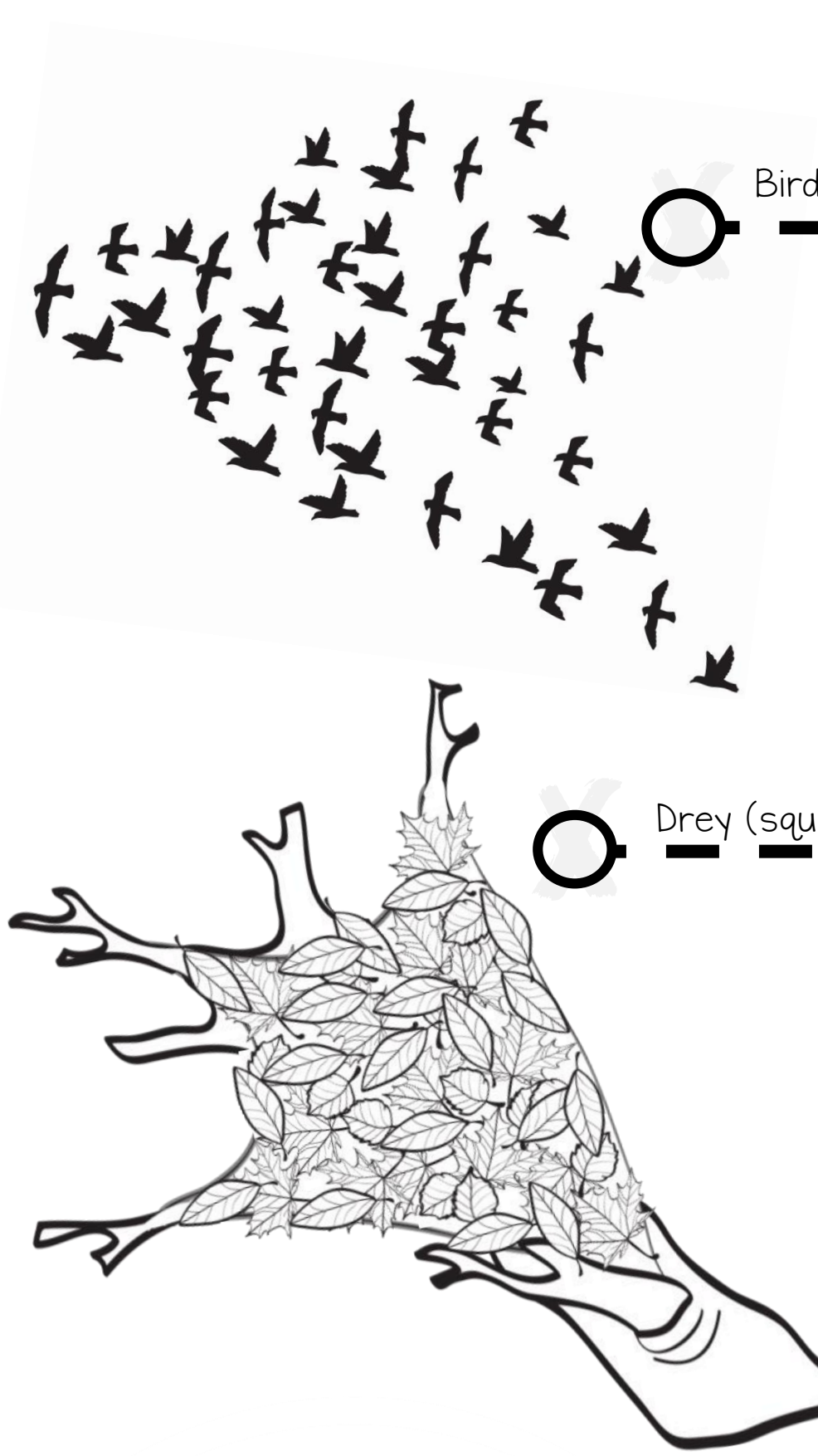
Outdoor EXPLORER

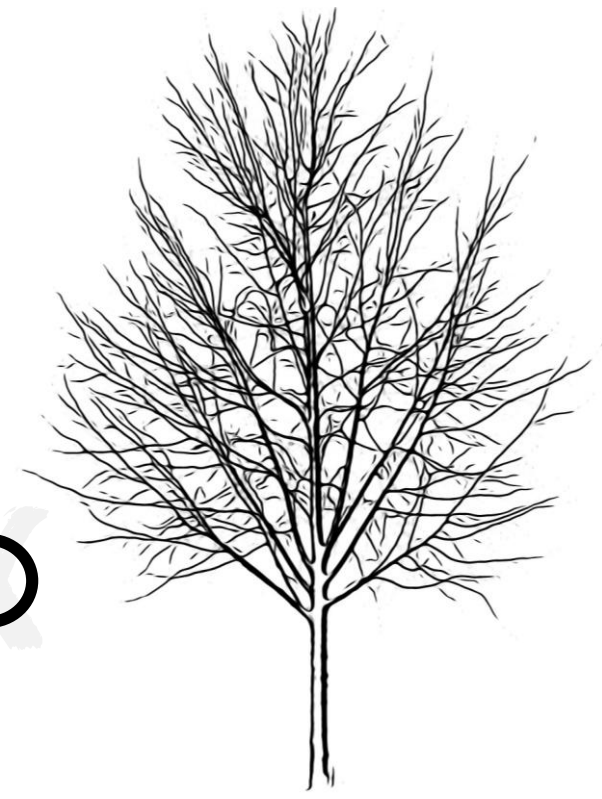
Search and Find

Signs of Winter

Directions: Mark each circle if you find evidence of any of the following signs of winter:

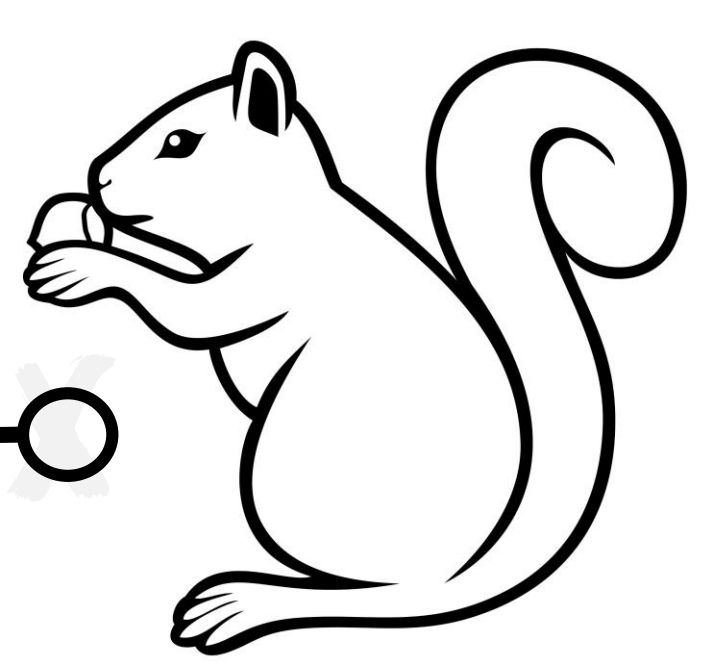


Birds migrating

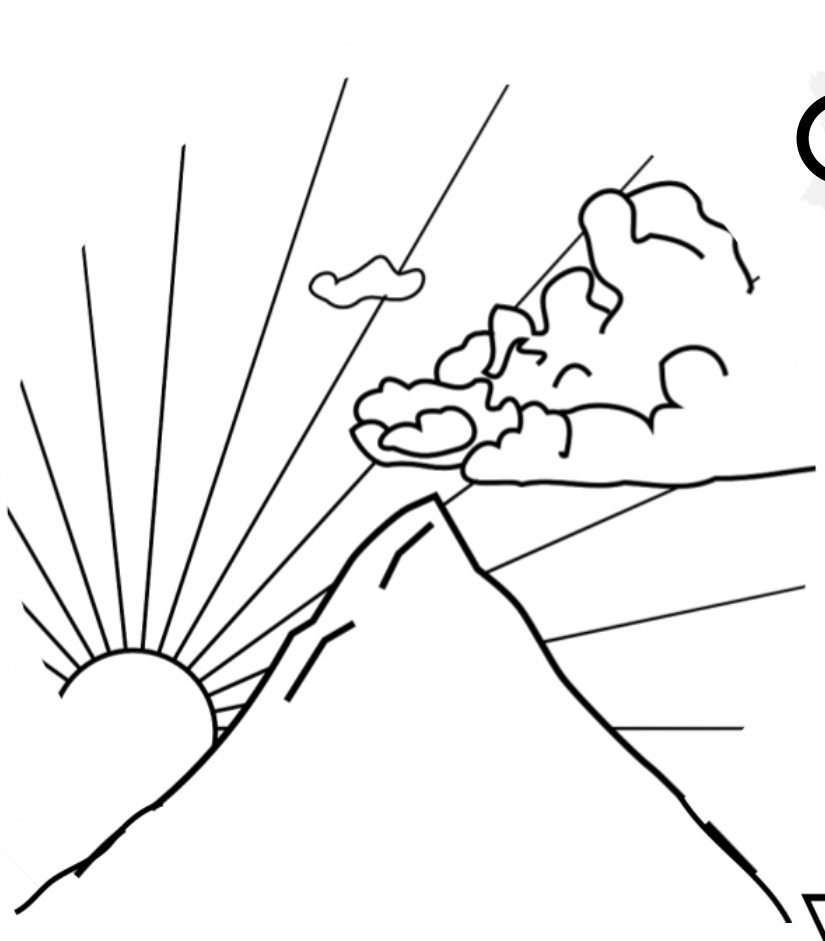


Trees with no leaves

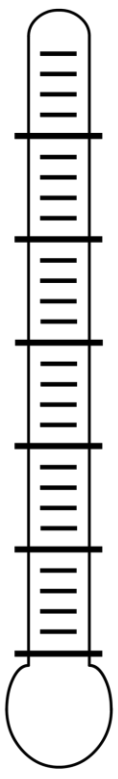
Drey (squirrels nest)



Animals collecting food



Days grow shorter



Colder weather

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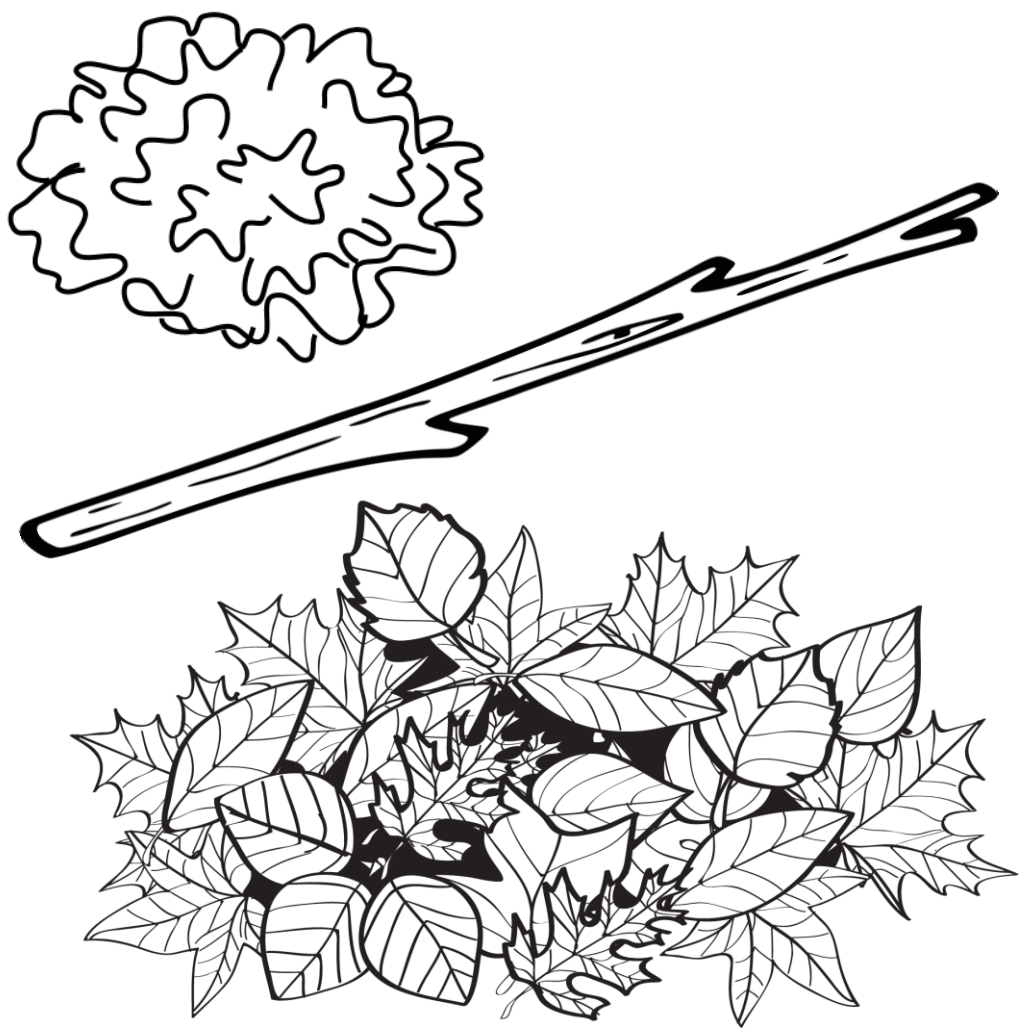
Design and Build

Outdoor EXPLORER

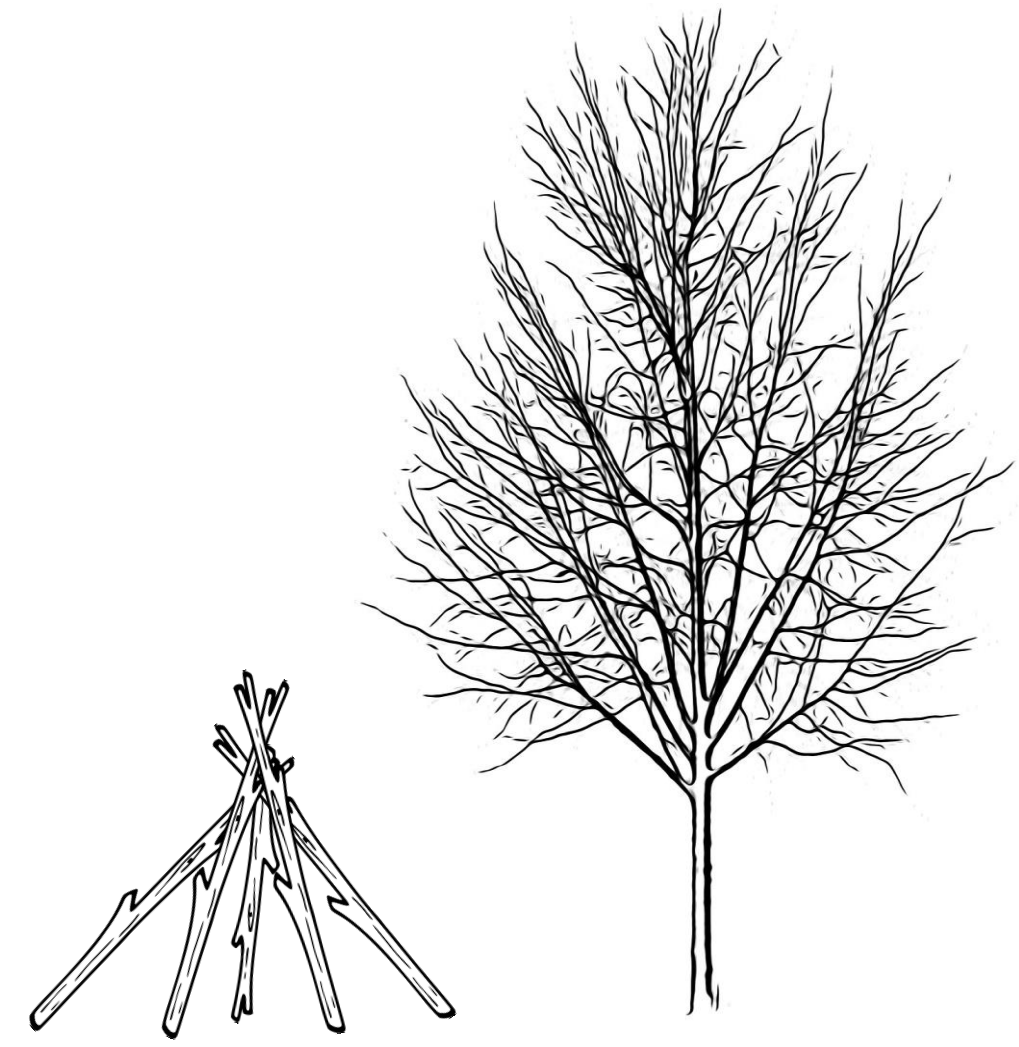
Build a Hibernation Den

Directions: Follow the steps below to build your own hibernation den.

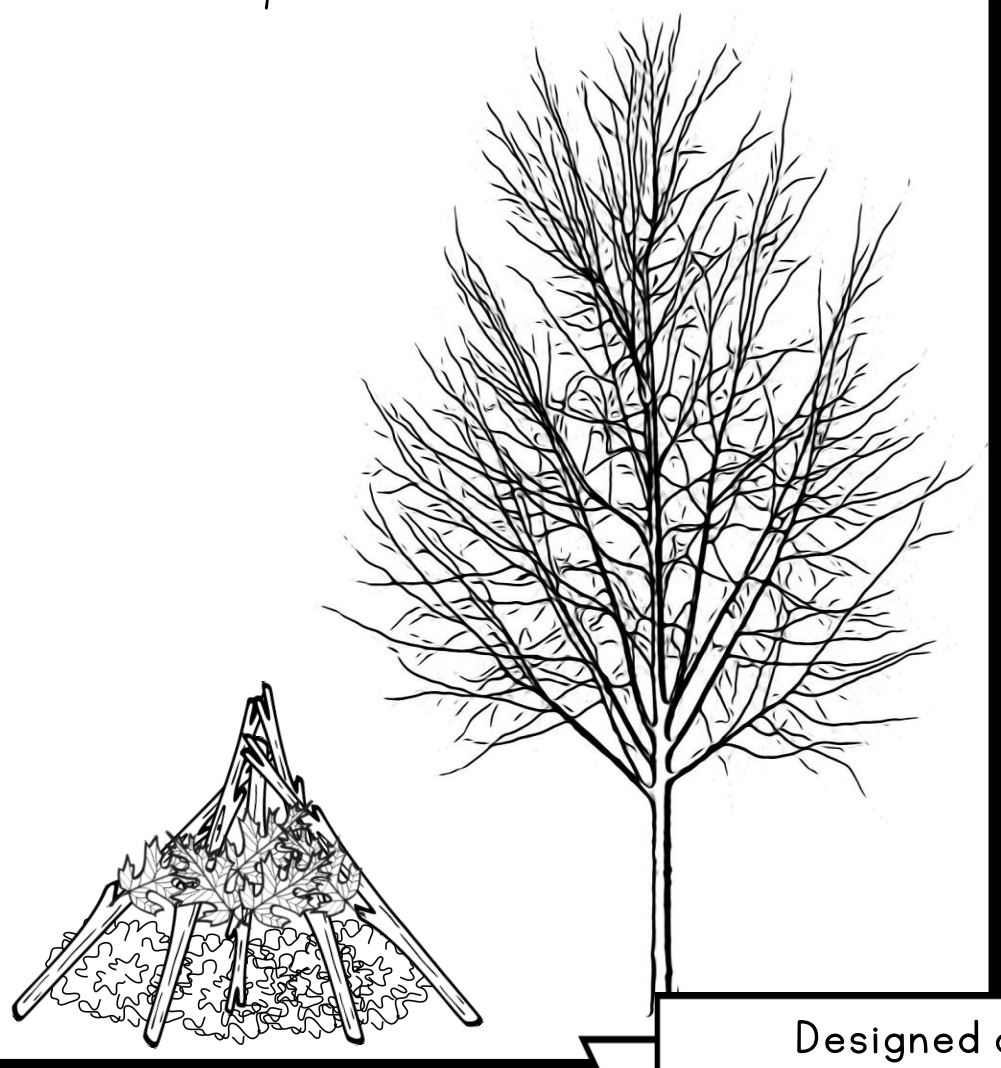
1 Gather up sticks, leaves, moss and other items found on the forest floor.



2 Find a location that offers protection from the wind. Begin by building the frame to your den.



3 Add leaves and other items like moss to fill in any holes and provide a cozy bed for a winter slumber.



4 Sketch your design or paste a picture of your finished den here.

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Search and Find

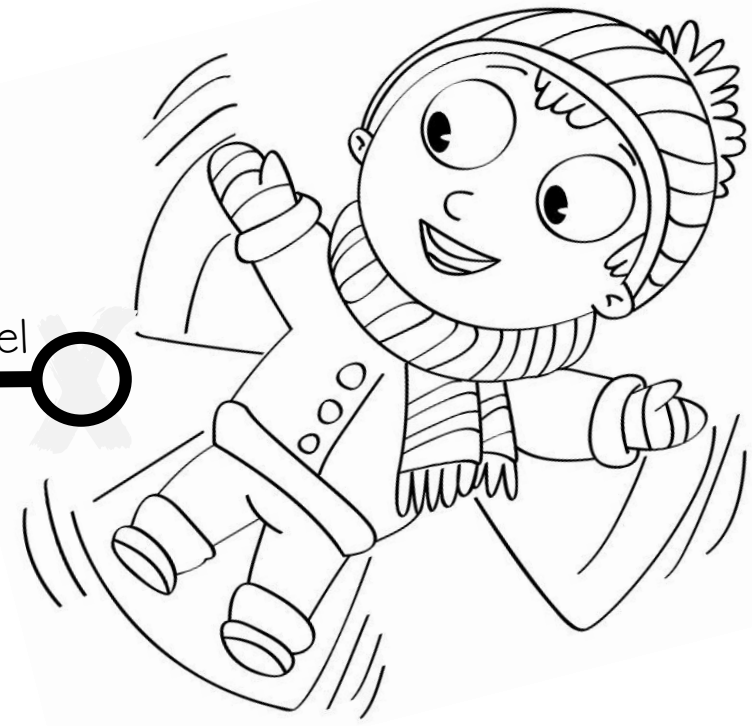
Outdoor EXPLORER

Outdoor Challenge

Directions: Mark each circle if you complete any of the following outdoor challenges:

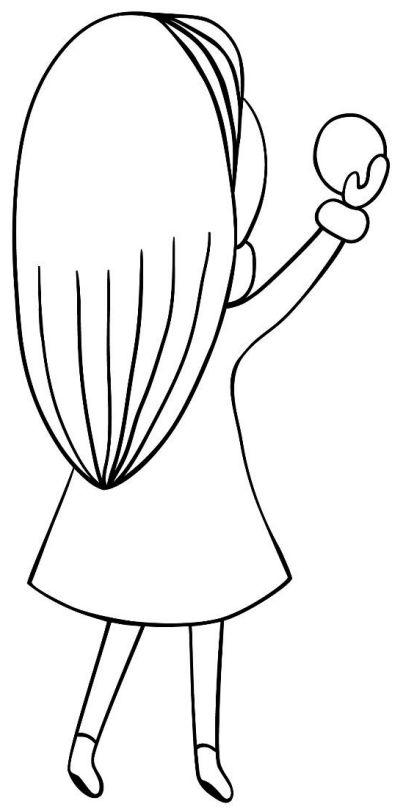
Catch a snowflake on your tongue

Make a snow angel



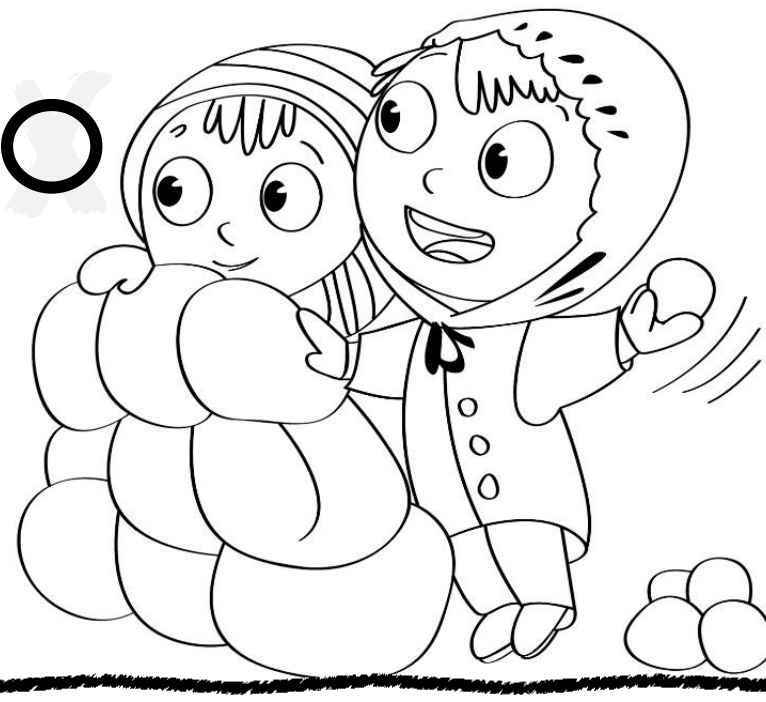
Build a snowman

Throw a snowball



Go sledding

Build a snow fort



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Outdoor EXPLORER

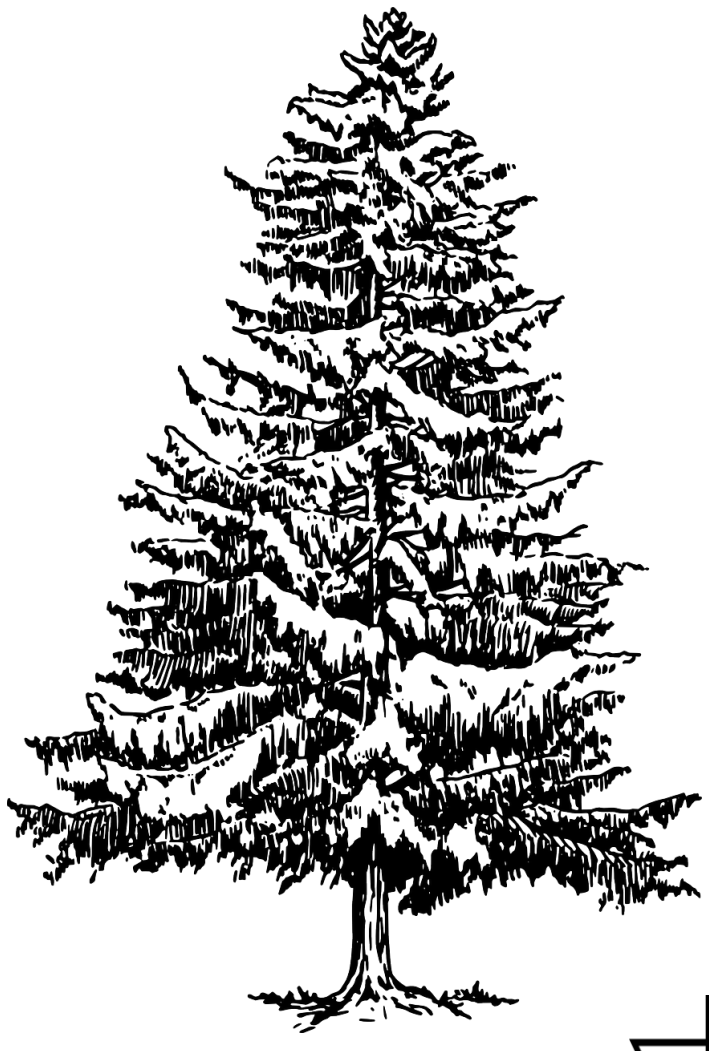
Illustrate

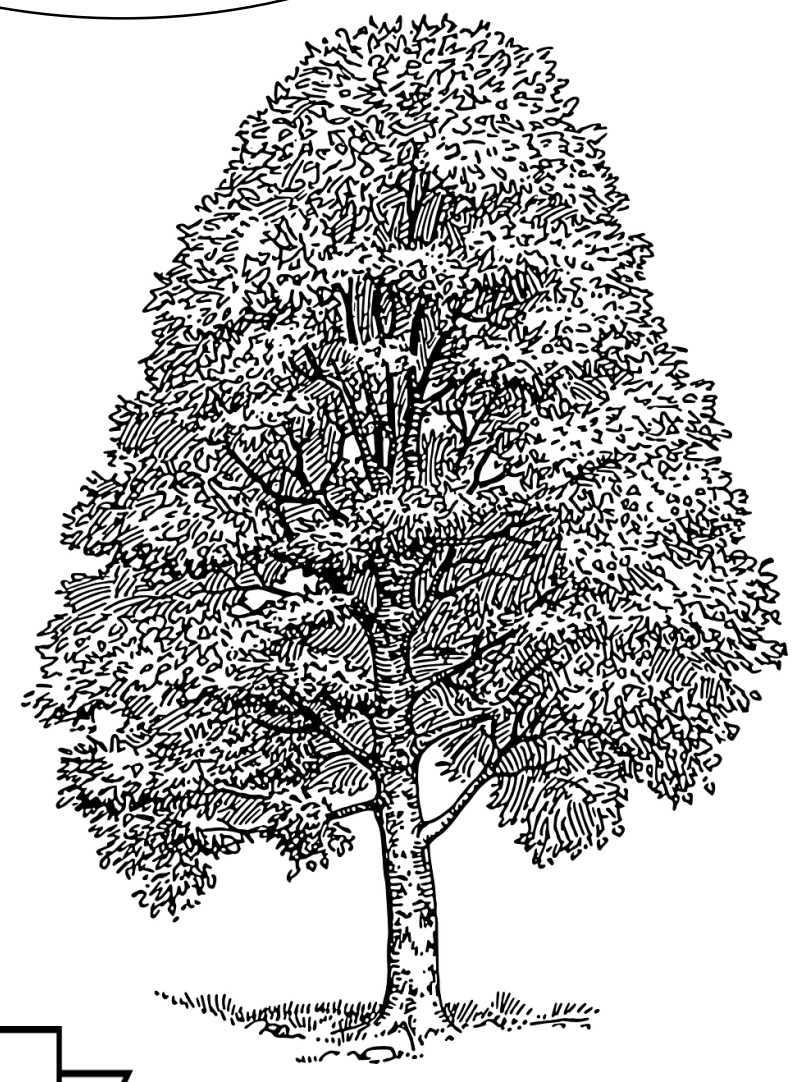
Evergreen vs. Deciduous

Directions: Explore the relationship between evergreens and deciduous trees by filling in the Venn diagram below:

Evergreen

Deciduous





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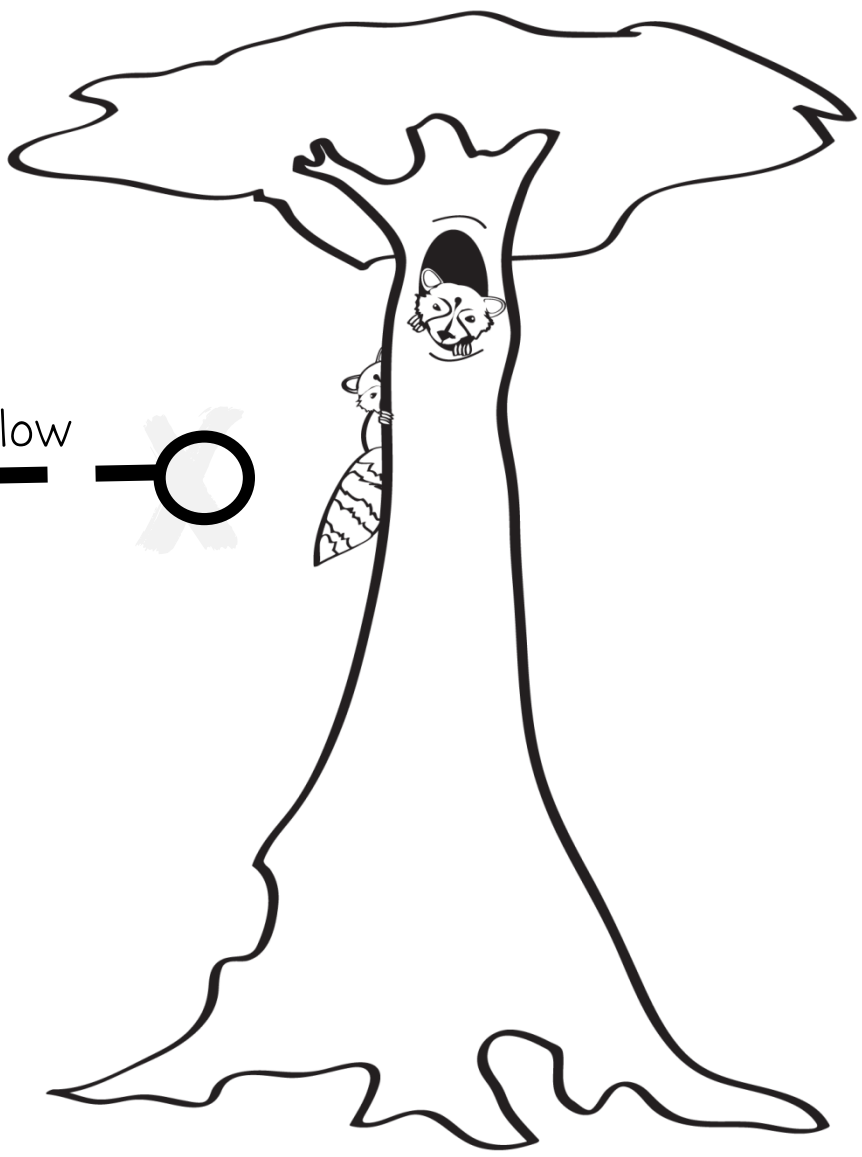
Search and Find

Outdoor EXPLORER

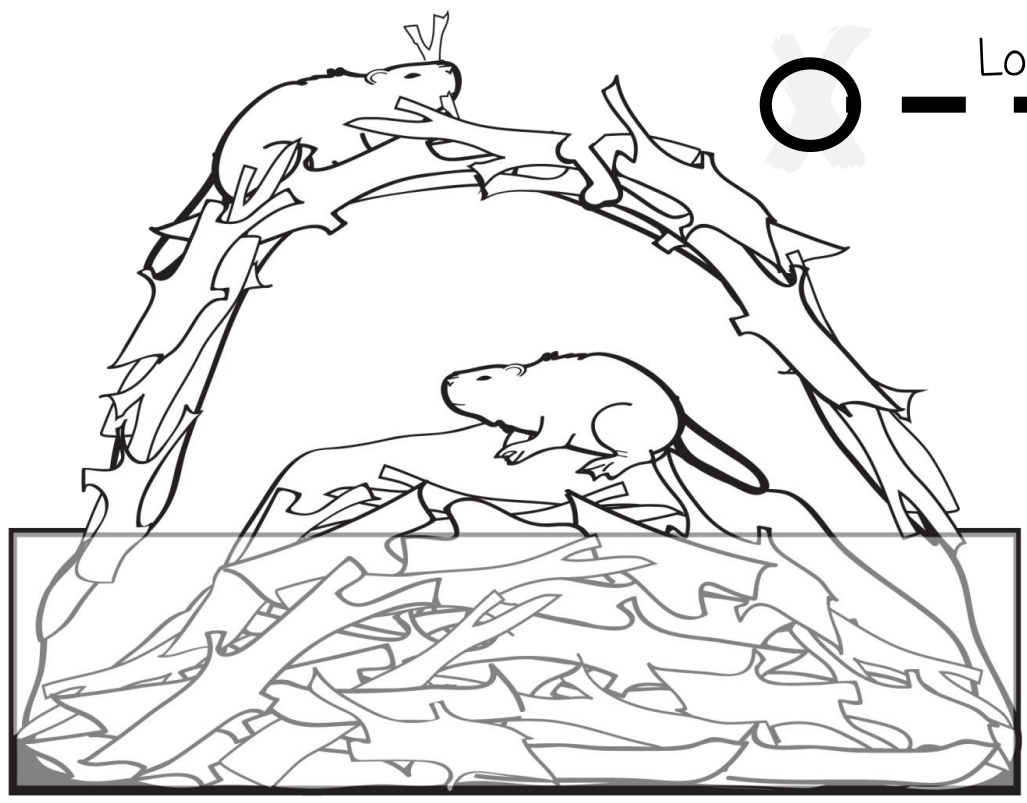
Hibernation Hunt

Directions: Mark each circle if you find evidence of any of the following places an animal might like to hibernate in:

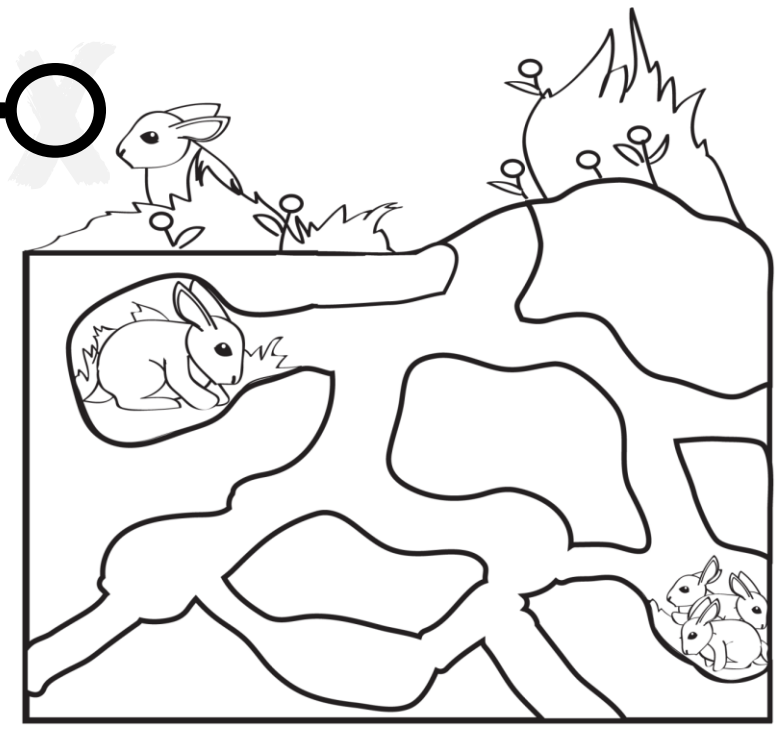
Cave



Tree hollow

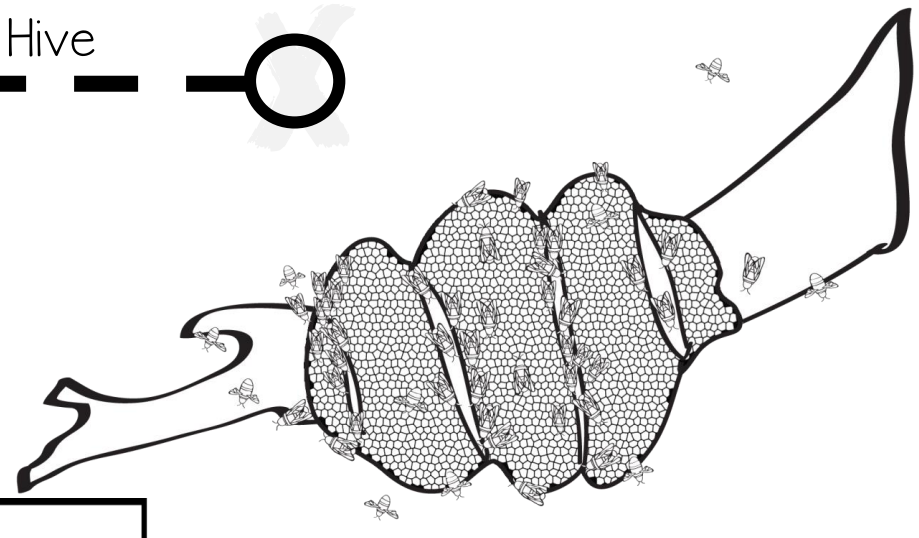


Lodge



Warren

Den



Hive

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Outdoor EXPLORER

Illustrate

Follow that Footprint

Directions: Follow an animals footprint than create a map of your adventure in the space below:

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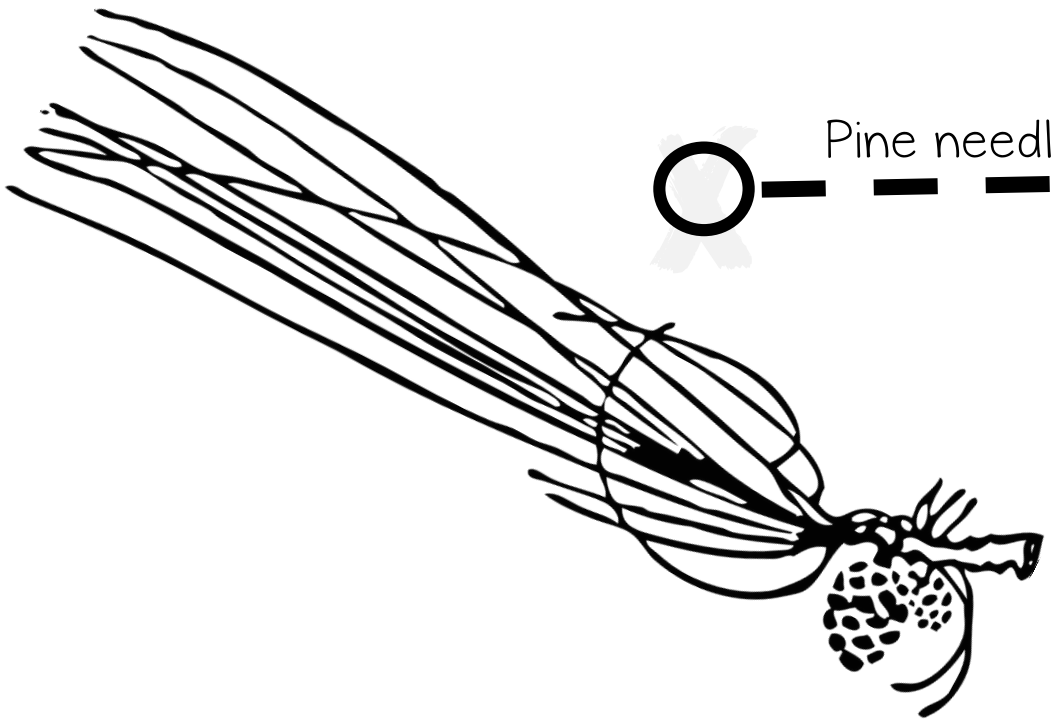
Outdoor EXPLORER

Search and Find

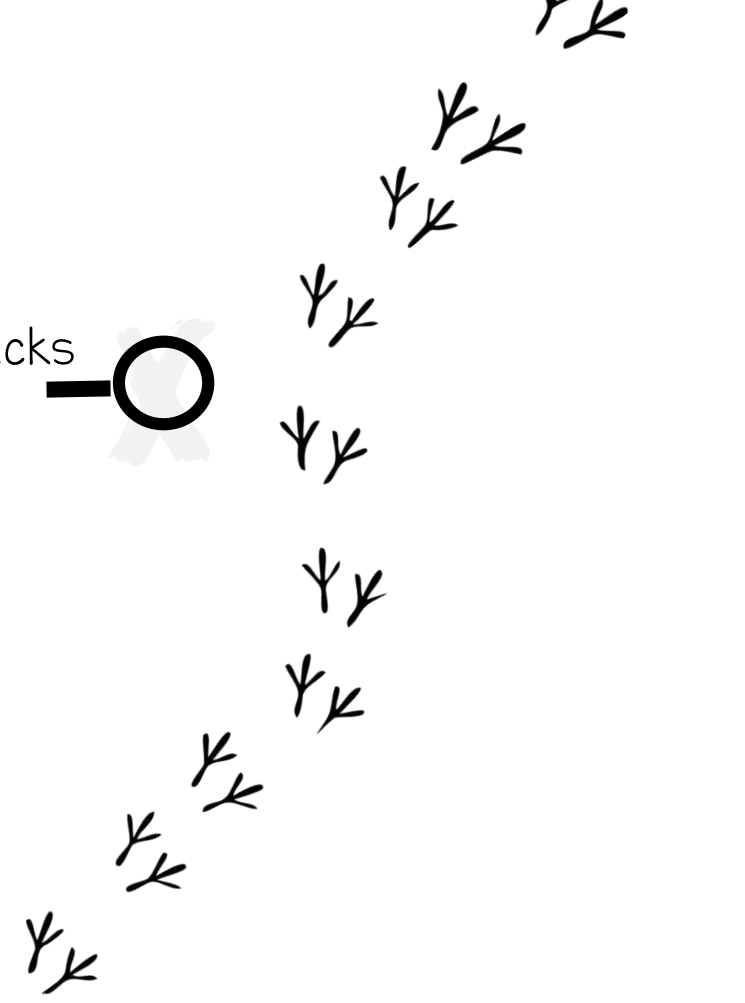
Winter Walk

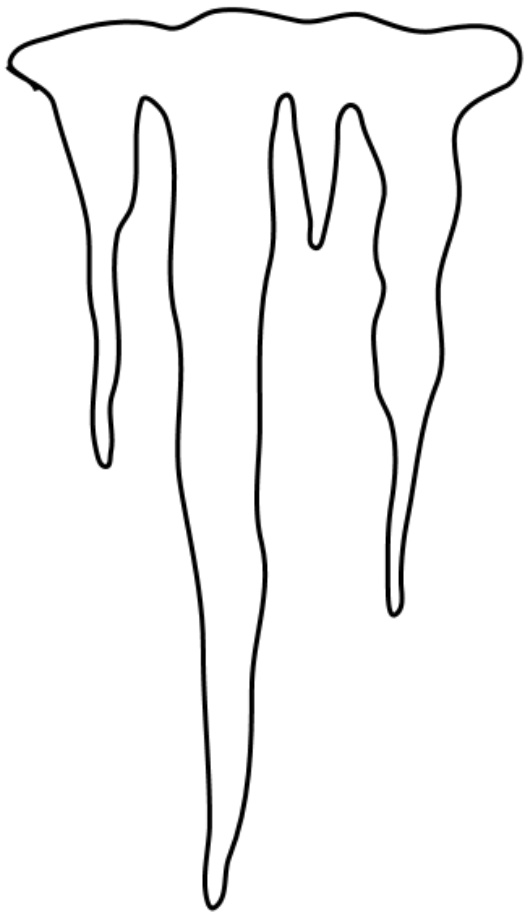
Directions: Mark each circle if you find evidence of any of the following items on your winter walk:



Pine needle

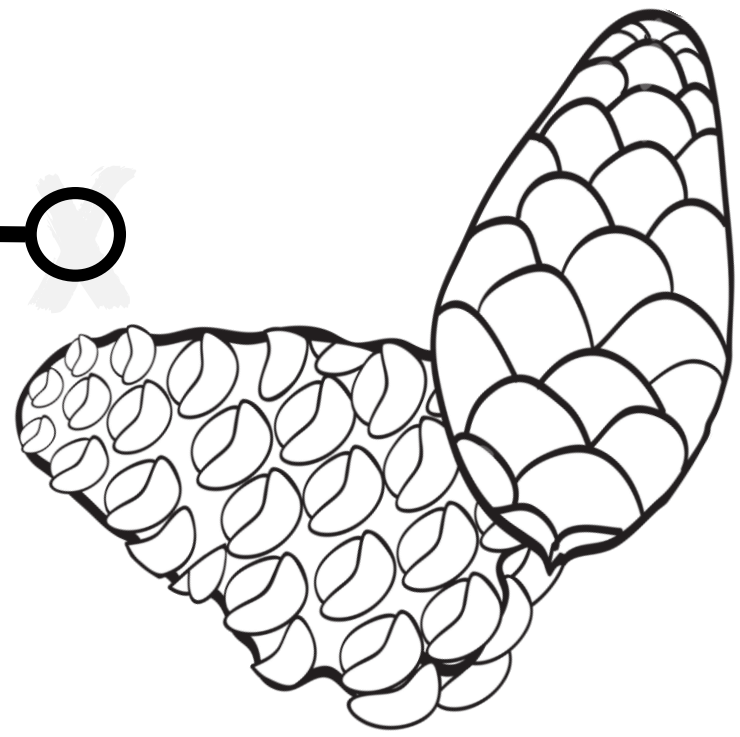
Animal tracks





Icicle

Pine cones



Clouds

Berries

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Illustrate

Outdoor EXPLORER

Forest of Imagination

Directions: Using your imagination tell a short story about three objects found in nature but don't say what the object really is. Share your paper with a friend and see if they can guess what it is.

Example

I was on a hike in the Forest of Imagination when I discovered a cave covered by vines. I wanted to get a closer look but something tripped me before I reached the entrance. I looked down and to my surprise I saw a dragons claw.

Answer: Stick

1

2

3

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Search and Find

Outdoor EXPLORER

Dendrology

Directions: Mark each circle if you find evidence of the following tree bark characteristics:

White bark

Deep grooved bark

Smooth bark

Bark that's easy to peel

Shallow grooved bark

Bumpy Bark

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Outdoor EXPLORER

Design and Build

Winter Wreath

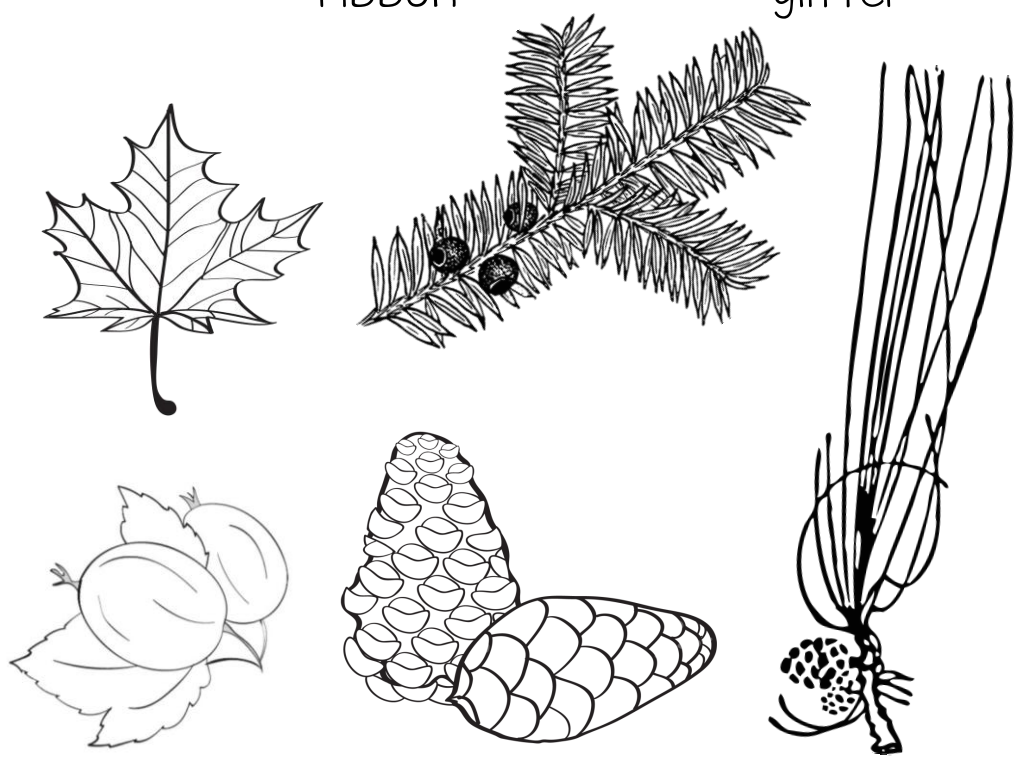
Directions: Follow the steps below to design and build your own winter wreath.

1 Gather supplies for your wreath:

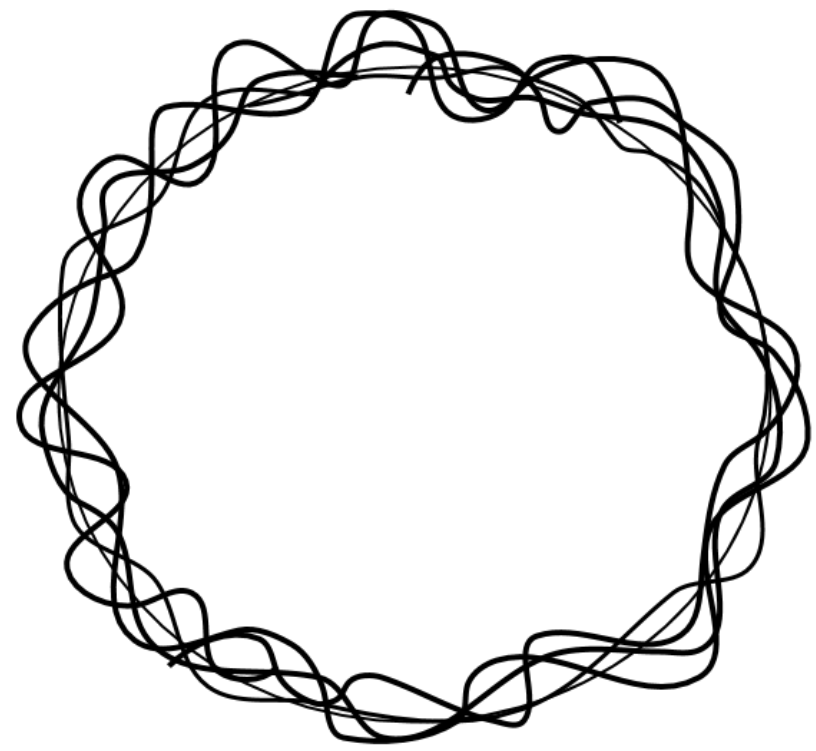
- fallen leaves
- long grasses
- berries
- pinecones
- twigs
- seeds

You may also want:

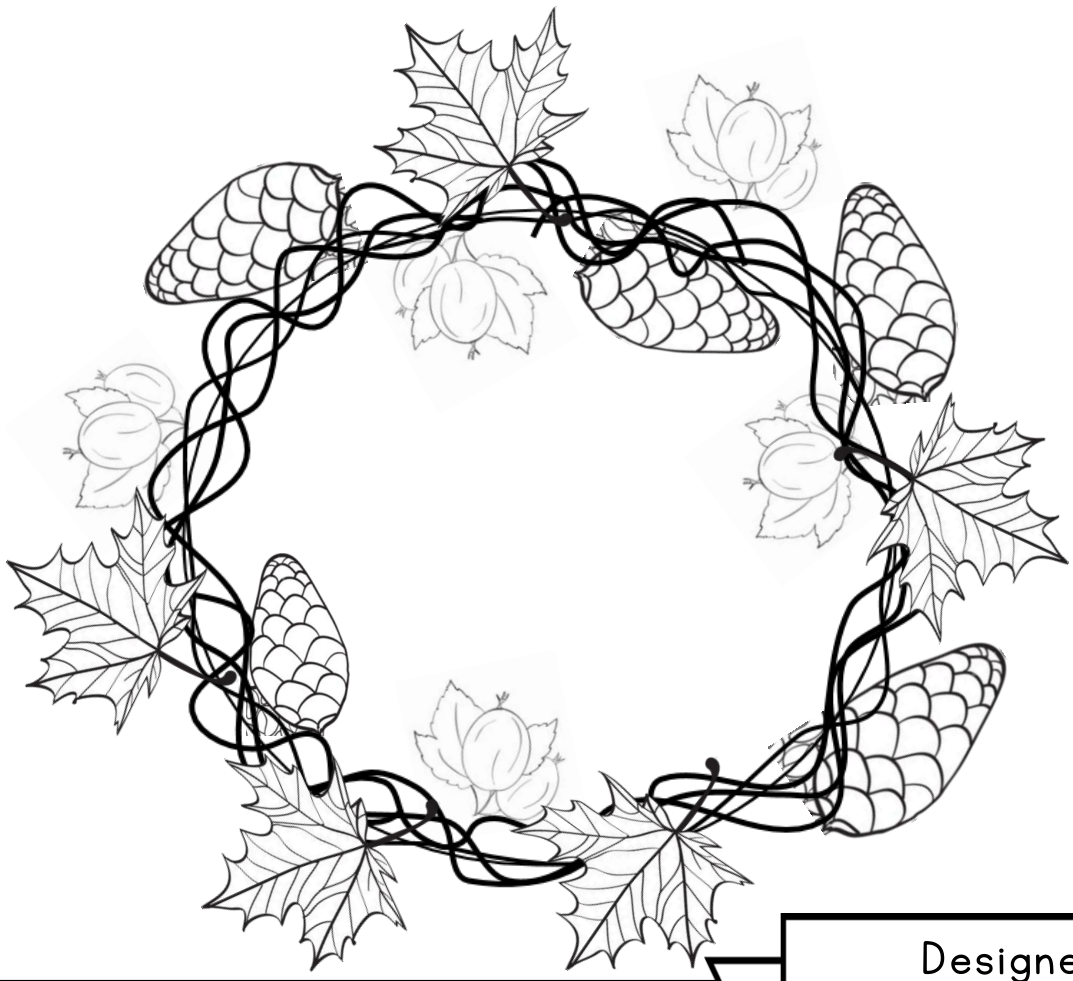
- glue
- ribbon
- tape
- glitter



2 Form a circle using twigs or long grasses. You may want to use ribbon or string to secure the branches.



3 Decorate your wreath using the berries, leaves and pinecones. Attach a ribbon at the top to hang your wreath.



4 Glue or sketch a picture of your finished wreath and place it here.

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Search and Find

Outdoor EXPLORER

Pine Needle Search

Directions: Tape or glue a single pine needle next to the circle that correctly describes it:

Long

Short

Pliable

Brittle

Thick

Fine

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Design and Build

Outdoor EXPLORER

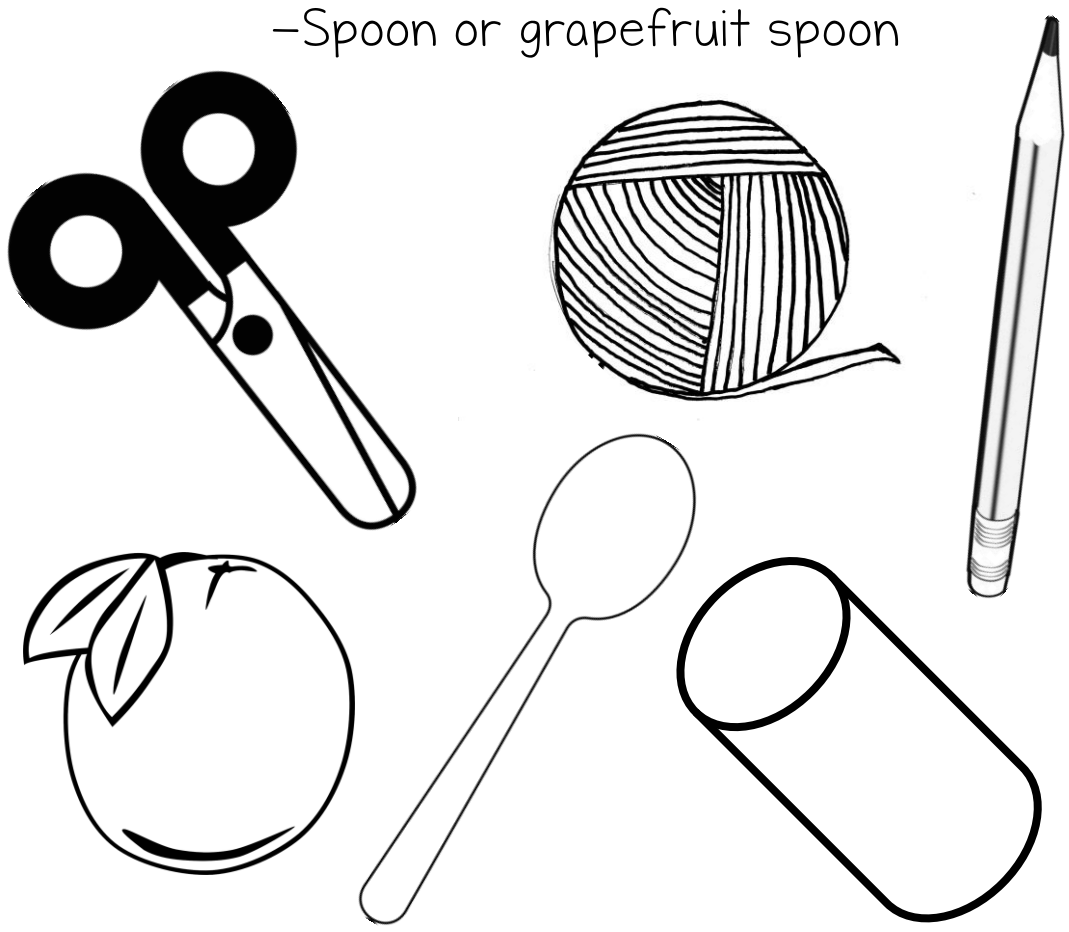
Trim a Tree for Birds

Directions: Follow the steps below to learn how to make biodegradable bird feeders.

1

Gather up the following supplies:

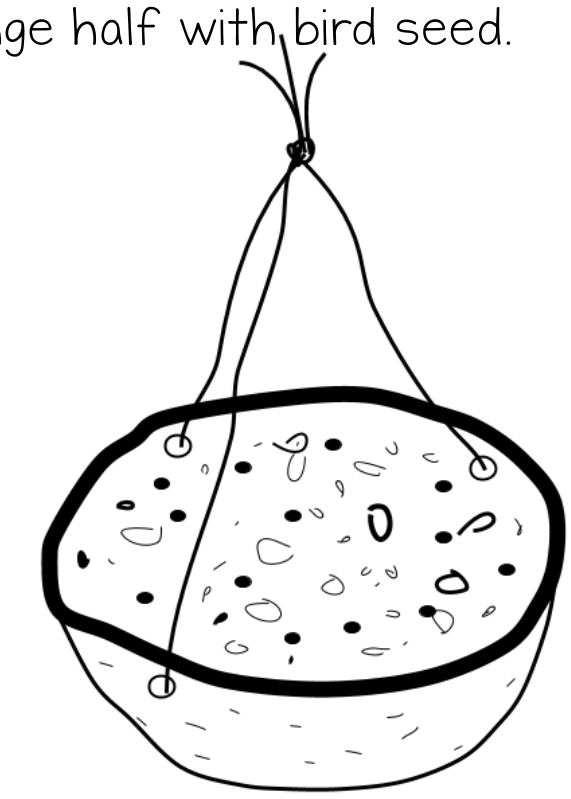
- Whole oranges
- Bird seed
- Scissors
- Peanut butter
- Spoon or grapefruit spoon
- Twine
- Pencil
- Paper tube
- Cereal



2

Orange bird feeder:

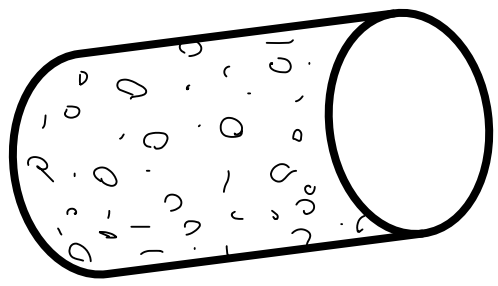
- Cut the orange in half and scoop out all the pulp.
- Using a pencil tip poke three evenly spaced holes around the top edge of the orange half.
- Thread each hole with a length of twine and tie them together at the top in a knot.
- Fill the orange half with bird seed.



3

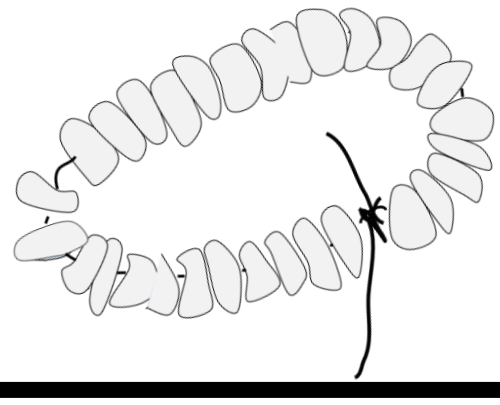
Paper Roll Feeder

- Cover the paper roll with peanut butter.
- Roll the tube in bird seed.



Cereal Garland Feeder

- Cut a length of twine.
- Thread cereal onto the twine.
- Tie the ends together in a knot.



4

Trim a tree with your bird feeders. Sketch or take a picture of your decorated tree and place it below.

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Illustrate

Outdoor EXPLORER

W.I.N.T.E.R Scavenger Hunt

Directions: Find and sketch items in nature to spell out the word W.I.N.T.E.R (example I for Icicle):

W

I

N

T

E

R

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Illustrate

Outdoor EXPLORER

Ice Experiment

Directions: Follow the steps below and observe what makes ice melt faster. Illustrate your findings.

1. Find four pieces of ice that are similar in size and thickness. Place one piece in a cold, shaded area outdoors this will be your control. Wait 20 minutes, sketch your observations below.

2. Sprinkle salt over the surface of your second piece of ice and place it in a cold, shaded area outdoors. Wait 20 minutes, sketch your observations below.

3. Place your third piece of ice in the direct sun. Wait 20 minutes, sketch your observations below.

4. You decide how you want to experiment with your last piece of ice. Wait 20 minutes, sketch your observations below.

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