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ASD-N Weekly First Nation Education K-12

Mother Earth is our giver of life. Everything we require for a healthy and happy life comes directly from Mother Earth. One such item that she gifts us are trees. Trees are an essential part of living healthy and happy lives. Trees reveal our connection to Mother Earth through the root system that is intertwined between all trees in each forest. That connection teaches us that when we are connected to others in our homes, friendships, schools and communities we gather knowledge, strength and support from each other. Trees show us the gift of generosity, by giving habitats and nutrients to other plants and animals. They in return are given the resources from those plants and animals to continue to grow strong. Trees help us by cleaning our environment and giving us clean air to breath, in return we give thanks by keeping our forests and land clean by reducing, reusing and recycling our waste. Another wonderful thing the tree does for us is to help our heart and mind; they give us a calm place to sit and listen to the breeze rustle through the trees as we think about the good things in our lives, a comfy shaded spot to read or sit and watch the beauty that is all around us.

Learning Activities

Kindergarten-Grade 1

Option 1

Create a collage using items found outside. Small twigs, beach sand, shells, and dried leaves. Use a heavy paper or cut up an empty cereal box or cardboard box, using white liquid glue paste the items on the paper creating a picture or scene of your choice, be as creative as you can be;



Option 2

Leaf rubbing - gather a medium to large size leaf that you find interesting. Tape a piece of thin white paper over the leaf. Using different coloured wax crayons, unwrap the paper from the crayon and rub the length of the crayon along the leaf, the veins, edges and ridges of the leaf should appear on the paper. You can use different leaves to create a larger picture to frame and hang. Try it with coins or other patterned items.

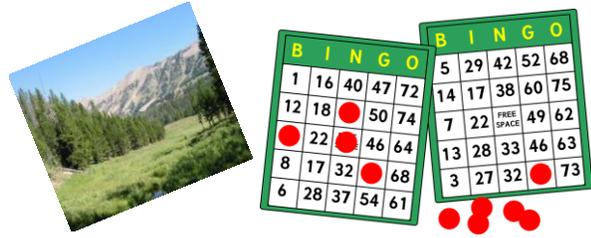


Tree Scavenger Hunt Bingo

Trees are everywhere ; take some time to explore the trees in your yard or neighbourhood with your family.

Use a crayon, marker or pencil to check off what you can find on the bingo sheet below.

Challenge yourself, can you get...



One line,

Two lines,

One line and four corners,

Can you get a full card?

Tree Scavenger Hunt Bingo

Maple	Find a tree with needles.	Poplar	Find seeds from trees.	Oak
Find a piece of fallen bark. Can you tell what type of tree it is?	Alder	What is the largest tree in your yard? Find the biggest looking tree and measure its circumference. Can you wrap your hands around the tree?	Birch	What is the smallest tree in your yard? Find the tree thinnest looking tree and measure its circumference. Can you wrap your hands around the tree?
Cedar	Find an animal habitat in a tree trunk	Free	Find a tree with budding leaves. <small>(Budding – a part of a tree that has new growth)</small>	Juniper
Find a tree where you can see the roots.	Pine	Find a tree that has holes from a woodpecker.	Fir	Find a bird's nest in a tree.
Spruce	Find a tree that has moss growing on it.	Apple Trees <small>(Crab Apple, Apple Orchards, In a person's yard)</small>	Find a fallen tree.	Beech

Creating with trees!!

Take a walk through your yard or with someone in your family through the neighbourhood walking trail and gather fallen twigs from the ground.

You will need...

2-3 base twigs of the same size.

6-7 raft floor twigs of the same size

Twine to wrap the twigs

1 twig for a mast

1 small piece of paper as a sail.

Gather together all your materials before you start. Try to make sure that your twigs are straight, so they are easier to tie together.

Lay out vertically the 6-7 twigs; tie them together with your twine. Start by making a loop and knotting it to the first twig, then wrap the twine around the next twig, continue with wrapping the twine around each twig until you get to the last twig, loop the twine and tie it in a knot. (Ask for help with this part if you need to)

Repeat the process for the lower part of the raft floor.

Using the 2-3 base twigs, lay them horizontally at the top, bottom and middle of the floor raft and tie them to the floor raft.

Gently flip the raft over.

Cut a triangle or rectangle from the piece of paper and glue it to the remaining twig. Once it is dry stick the mast and sail into a gap between your raft floor twig. You can decorate your sail before gluing it to the mast.

It is time to set sail!

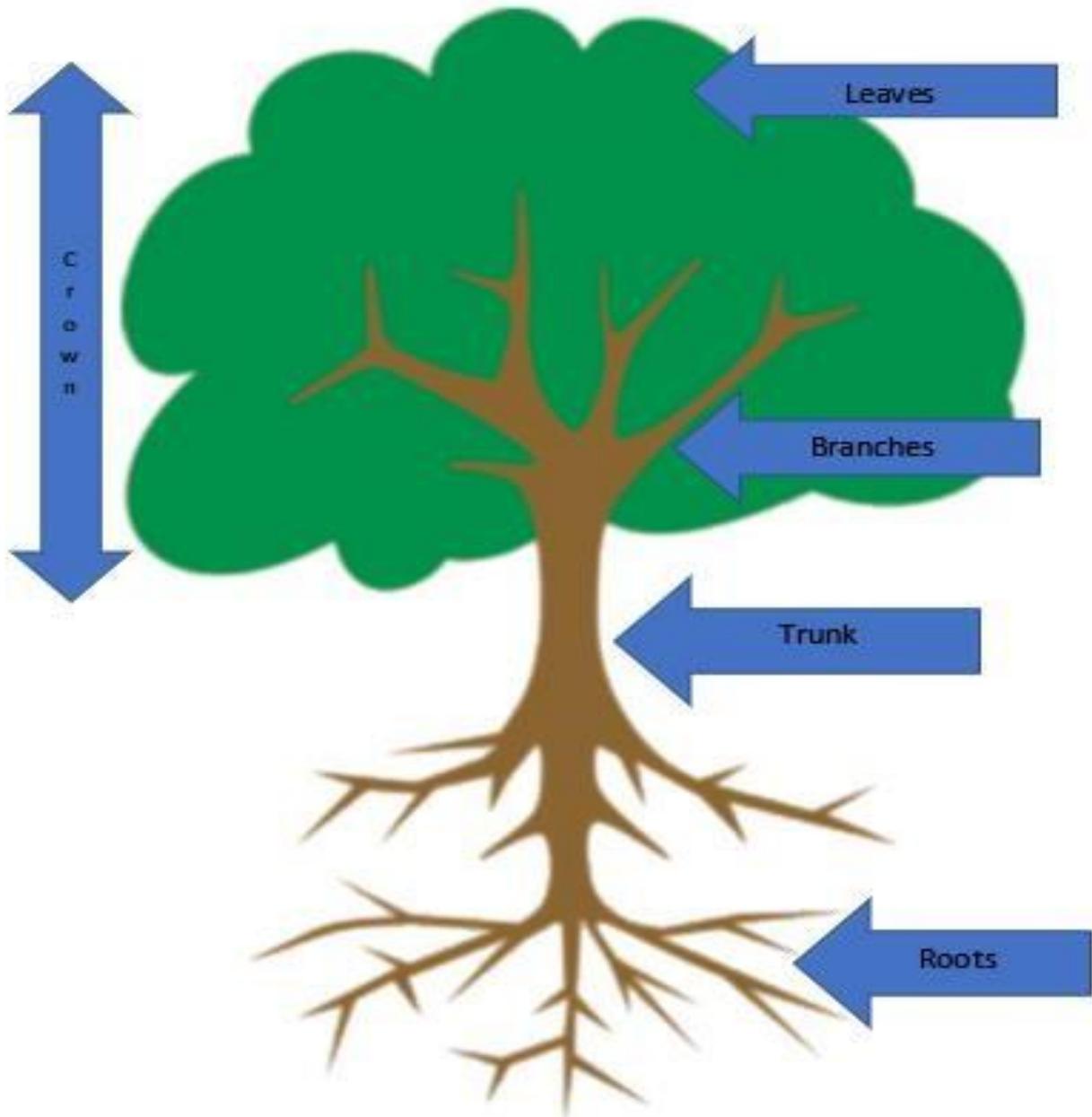
You can try this in the sink or tub at home or ask your parents to take you to the beach or small body of water near your home.

Expand: Make a prediction on your raft; do you think it will float or sink? Document your creation, what worked, what was difficult and what did you change or adjust? Document what happened; was your prediction correct?

Challenge members in your home to make their own raft and then set them to sail together or have a friendly race to see which raft can float the farthest!

Grades K-5

Draw and label a tree from your yard.



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Additional Resources

Grade K-5

SciShow Kids YouTube Channel

Life as a Tree - Jessie and Squeaks share with us the story of a trees life by looking at the rings of a tree <https://www.youtube.com/watch?v=MwNJC-IRgPE>

Trees that never lose their leaves - Jessie and Squeaks talk about evergreen trees; how they grow and how they keep their leaves all year round.

<https://www.youtube.com/watch?v=hwfQEK29Wrg>

Pine, Fir, Spruce - Jessie and Squeaks use their field journal while they learn the difference between Fir, Pine and Spruce trees <https://www.youtube.com/watch?v=qFVh2fTR2XA>

Why do leaves change colour in the fall? - Jessi shares with us why Autumn means leaves turn different shades of red, orange and yellow and fall to the ground.

<https://www.youtube.com/watch?v=Xk4-6I18I5Q>

Red Apple song by Bernie Francis

<http://firstnationhelp.com/ali/wenjusunl.html>

Leaf Song by Bernie Francis

<http://firstnationhelp.com/ali/nipiknisioltijk.html>