

# ARBOR DAY EXPERIENCE PACK

Hello! I am so excited to share this special experience pack with you. Included in this pack you will find info about Arbor Day & 5 experiences.

This pack's experiences include:

**Outside Experience:**

Planting a Tree

**Inside Experience:**

Learning Opportunities

**Craft Experience:**

Painted Big Leaf Tree

**Food Experience:**

Tree Snack

**Surprise Experience:**

Arbor Day Mini Book



I've selected these activities based on the season, upcoming holidays, and the age of the registered participants for this month's experience pack. Please share photos of your experiences with us by tagging us on Facebook & Instagram @cityofpowelloh & @powellparksandrec or using the handle #powellexperiencepack.

Did you know the Recreation Department offers monthly Experience Packs? You can register for these either online at [recreation.cityofpowell.us](https://recreation.cityofpowell.us) or in person at the Municipal Building — 47 Hall Street — Powell, OH 43065.

If you have any questions or if I can be of assistance please reach out to me via e-mail.

Hope you enjoy all of the experiences!

~Miss Gina



# ARBOR DAY?

## WHEN?

Arbor Day is designated as the last Friday in April, this year that's Friday, April 30th.

## WHAT?

Arbor Day is an annual holiday to encourage the planting of trees and create awareness about the importance of trees. Arbor Day was first observed in 1872 after J. Sterling Morton founded the day in Nebraska to encourage others to set aside a specific day to plant trees and help the environment.

Check out this [cool interactive book](#) about the history of Arbor Day from the Arbor Day Foundation!

## WHY?

Arbor Day encourages people to plant trees because trees are good for the environment. They provide oxygen, help soil and wildlife, and much more! Many people plant a tree in honor of someone that has passed or dedicate a tree to someone special.

## WHERE?

The City of Powell has teamed up with the Delaware Soil & Water Conservation District to provide free saplings for you to plant. These can be picked up via contactless pick-up on Arbor Day at Seldom Seen Park at the Powell Peace Tree between 8am and sunset. The Powell Together Tree was planted this Arbor Day to commemorate the events of the past year.

## TREE CITY USA

The City of Powell has been designated as a Tree City USA since 1998.

According to the Arbor Day Foundation more than 3,400 communities have made the commitment to becoming a Tree City USA. They have achieved Tree City USA status by meeting [four core standards](#) of sound urban forestry management: maintaining a tree board or department, having a community tree ordinance, spending at least \$2 per capita on urban forestry and celebrating Arbor Day.

Thanks to [homeschoolsuperfreak.com](https://www.homeschoolsuperfreak.com) & <https://www.arborday.org/> for sharing their activities and research.



# PLANTING A TREE

Planting a tree is much more than merely digging a hole. Be sure to select a good planting site, select the right tree and follow planting instructions for the type of tree you are planting.

## Selecting a Good Planting Site

Identify the prospective tree planting location and, if it is on city property, find out what municipal department is in charge of planting and caring for city trees. Ask that department who is responsible for the identified area and what process must be followed to receive permission to plant a tree there.

When choosing a location, keep in mind soil conditions water availability, overhead wires, space available for roots (to avoid upsetting sidewalks or streets) and space available for the canopy (to avoid interfering with traffic or business signage).



## Selecting the Right Tree:

When selecting a tree to plant, be sure to consider what the tree needs and what the planting site can provide. There are six "tree needs" to compare with the site's conditions:

Temperature – Trees have a limit to the cold they can endure. Check [hardiness zones](#) before choosing a tree.

1. Moisture – Each species can tolerate wet or dry conditions to a different degree.
2. Light – "Shade tolerance" is the term foresters use to rate the light requirements of each species.
3. Pests – Every locality has problems with a particular insect or disease. Some trees are more susceptible to a certain disease than others.
4. Soil – Soil depth, structure, pH and moisture can make the difference between success and failure with a tree. Each species has its preferences.
5. Air pollutants – Chemicals in the air vary with localities; some trees are more tolerant of air pollution than others.

Before you make the final decision on the tree species, other factors should be considered. Is the tree being planted to save energy and provide shade? Is it being planted to beautify the grounds? Is providing wildlife habitat important? Will the tree be part of a windbreak or shelterbelt? Determining why a tree is being planted will help identify the ideal species.

Also know how big it will be at maturity. Will it have "head space" and root area to grow well? Will roots interfere with the sidewalk, patio, or driveway at maturity? Will it block windows or scenic views or tangle with the utility wires when it is mature? These answers will all help eliminate inappropriate species.

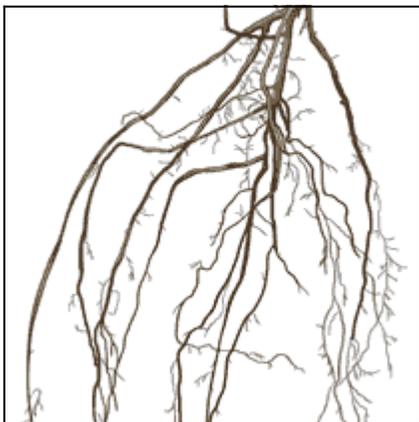
Finally, keep in mind its shape, its leaves and its impact on the area.

After you have chosen a tree that is suitable for the location, get permission to plant from the appropriate city agency. Have your choice approved by your city or state forester.

### **Planting Your Tree**

Get planting instructions based on the root configuration of your tree by selecting the description that best matches your tree.

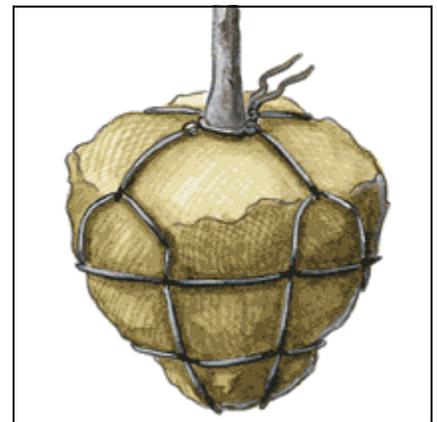
#### [Bare Root](#)



#### [Containerized](#)



#### [Balled & Burlapped](#)





# LEARNING OPPORTUNITIES



## History of Arbor Day

<https://www.arboday.org/celebrate/history.cfm>



## Benefits of Trees

<https://www.arboday.org/kids/benefits-of-trees/>



## Life of a Tree

<https://www.arboday.org/kids/life-of-a-tree/>



## Trees Around the World

<https://www.arboday.org/kids/trees-around-the-world/>



## Photosynthesis

<https://www.arboday.org/kids/photosynthesis/>



## Leaf ID

<https://www.arboday.org/kids/leaf-id/>



## Junior Arborist Quiz

<https://www.arboday.org/kids/jr-arborist/>



Thanks to <https://www.arboday.org/> for these interactive learning opportunities.



# PAINTED BIG LEAF TREE

## Supplies:

- Flat Surface (to put paint on)
- Acrylic Paint (variety of colors)
- Big Leaf
- Table Cover
- Paper



## Directions:

1. Gather supplies and cover the work area. Most projects with paint are bound to be messy, especially if doing with kiddos. I recommend a reusable plastic tablecloth that can be wiped down after and used for many projects over a few years, most of the time you can find one for a couple dollars at Meijer or Walmart in the seasonal section. Remember acrylic paint is permanent and does stain so be sure to wear “messy clothes”.
2. Squirt paint onto flat surface (ex. cookie sheet not used for cooking anymore).
3. Press leaf into the paint.
4. Transfer leaf to the paper. Really press down all around the leaf.
5. Carefully lift the leaf off the paper.
6. Repeat as many times as you would like. Try making a forest with various sized leaves and leaf types.

Thanks to [kleas.typepad.com](http://kleas.typepad.com) for this activity.



# TREE SNACK

## Supplies:

- Pretzel Rods
- Pretzel Sticks
- Honey Wheat Pretzel Twists
- Green Grapes, cut in half
- Plate/Tray
- Wax Paper

## Directions:

1. Explore different trees outside & learn about the parts of trees.
2. Wash your hands & gather supplies. Set up a wax paper "work station" for each person.
3. Show kids the different kinds of pretzels and talk about them. Encourage kids to think about which parts of the tree each kind of pretzel can represent.
4. Show the kids a plate full of green grapes cut in half. See how long it takes for the kids to determine what the grapes represent.
5. After the discussion allow everyone to create their own tree snack and enjoy!



Thanks to [fantasticfunandlearning.com](http://www.fantasticfunandlearning.com) for this snack idea.



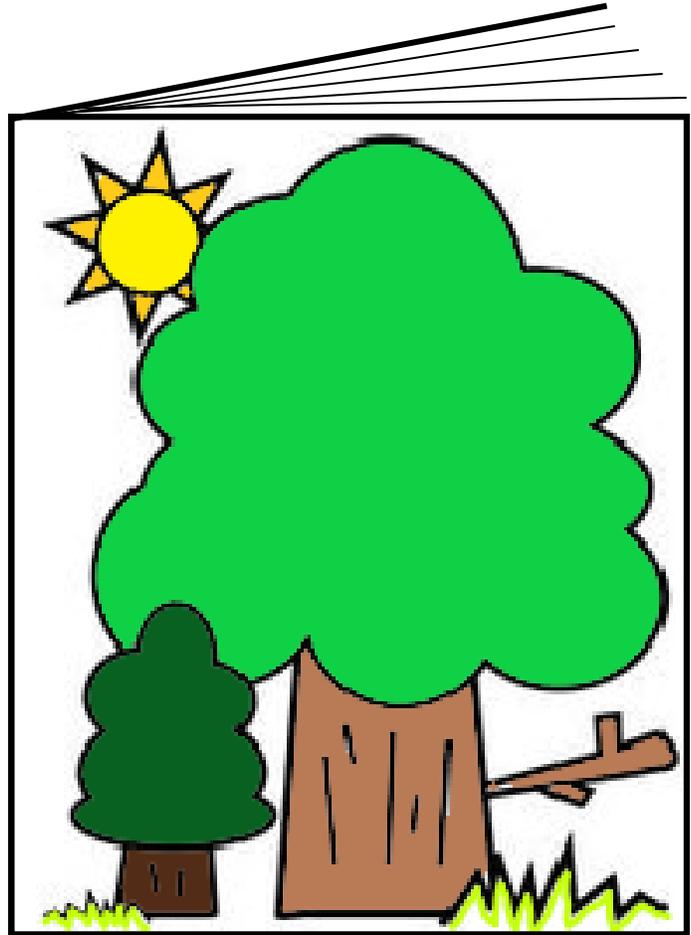
# ARBOR DAY MINI BOOK

## Supplies:

- TwistyNoodle mini Book
- Coloring Supplies
- Stapler

## Directions:

1. Print the Mini Book.
2. Cut each page in half.
3. Color the pictures.
4. Staple pages together
5. Share the story with someone special.





# Arbor Day

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Arbor Day is a day to plant and care for trees.

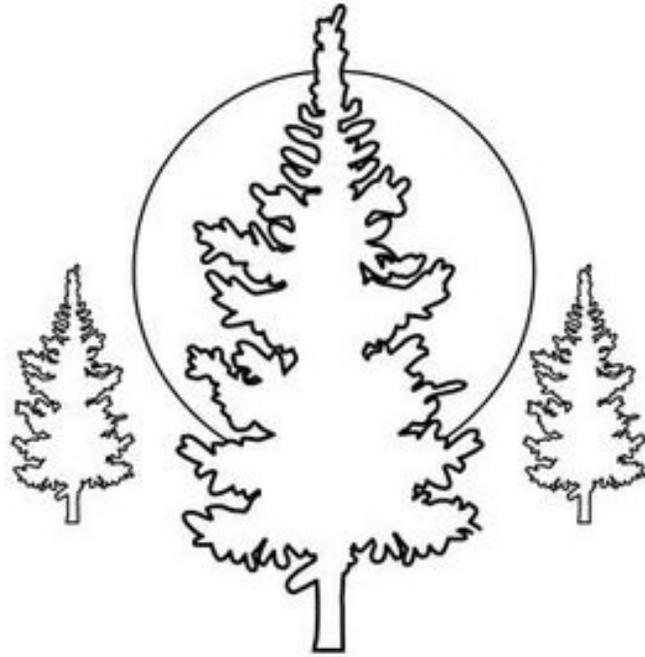


Trees provide a home for many animals.

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Trees provide shade.



Trees provide us with wood.

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I love trees!