



Tigers In The Wild

Cub Scout- Tiger Requirement

**Klehm Arboretum and Botanic
Garden**

Requirements

Tigers in the Wild is one of the Tiger CORE Adventure Requirements. For this adventure, Tiger Cubs and their adult partners learn some outdoor skills, go hiking, and participate in other outdoor activities

Scouts must complete the following requirements

- 1.) With your adult partner, Name and collect the Cub Scout Six essentials you need for a hike. Tell your den leader what you would need to add to your list if it rains.

- 2.) Go for a short hike with your den or family and carry your own gear. Show you know how to get ready for this hike.

- 3.) Do the following:
 1. Listen while your leaders reads the Outdoor Code. Talk about how you can be clean in your outdoor matters.
 2. Listen while your leader reads the Leave No Trace Principles for kids. Discuss why you should “Trash your trash.”
 3. Apply the Outdoor Code and Leave No trace Principles for kids on your Tiger Den and pack outings. After one outing, share what you did to demonstrate the principles you discussed.

- 4.) While on the hike, find three different kinds of plants, animals, or signs that animals have been on the trail. List what you saw in your *Tiger Handbook*

- 5.) Participate in an outdoor pack meeting or pack campout campfire. Sing a song and act out a skit with you Tiger Den as part of the program.

- 6.) Find two different trees and two different types of plants that grow in your area. Write their names in your *Tiger Handbook*.

- 7.) Visit a nearby nature center, zoo, or another outside place with your family or den. Learn more about two animals, and write down two interesting things about them in your Tiger Handbook.

Requirement 1

When hiking at Klehm, you want to be prepared. Review and discuss the Cub Scout 6 essentials needed for hiking. Use the guide below to help you.

Cub Scout 6 Essentials

- 1.) First Aid Kit
- 2.) Filled Water Bottle
- 3.) Flashlight
- 4.) Trail Food
- 5.) Sun Protection
- 6.) Whistle

Requirement 2

Using the map below, go on a short hike and carry your own gear.

How to Read a Tree Label

Scarlet Oak
Quercus coccinea

Beech Family
Fagaceae

E North America
4 97 0002

common name
scientific name (genus, species)
native habitat
accession number
common family name
scientific family name

ALTERED TREES

Many conifers are propagated to display unusual growth characteristics.

NORWAY SPRUCE

Don't miss these majestic beauties! Norway Spruce cones provided the inspiration for the weights that hang from the famous cuckoo clocks of Germany.

EUROPEAN LARCHES

The trees in this former nursery row are conifers, but not "evergreens." Larches change color in fall and drop their leaves.

AMERICAN CHESTNUT

Once plentiful in North America, only a precious few mature American Chestnuts survive since a disastrous blight in the early 1900s.

AMUR CORKTREE

This tree's extra thick bark might look familiar, but it's not quite thick enough to be used for commercial cork (which is harvested from the Cork Oak).

Amenities

Restrooms and water fountains can be found in the Visitors Center and on the south side of the Clarcor Pavilion.

Accessibility:

- All buildings and paved garden paths and trails are accessible to strollers and wheelchairs.
- A limited number of wheelchairs are available at the Visitors Center.
- Our open-air shuttle, *The Klehm Express*, is an accessible vehicle that can seat ten people.

Attractions

Garden Store

Our Garden Store, located in the Visitors Center, carries a variety of garden tools, unique gift items, horticultural books, and beverages. We thank you for your purchases, as all Garden Store proceeds benefit Klehm Arboretum and its education and outreach programs. Members of the Arboretum receive a 10% discount on all purchases.

Library

The resources of the Harding Horticultural Library, also located in the Visitors Center, are available whenever the building is open. This reading and reference library, open to the public, provides information about botany and horticulture to Klehm Arboretum staff, volunteers, members, professional horticulturalists, students, and gardeners.

Visitor Etiquette

Klehm Arboretum is kept beautiful and healthy for your enjoyment and learning. Thank you in advance for your cooperation.

Be Kind
It is permissible to pick up leaves, seeds, or cones that have fallen to the ground, but please refrain from picking leaves, fruits, or seedheads from trees or other plants. Stay on paved paths, nature trails and grass. Footsteps elsewhere crush plants and damage soil. Leave everything here for others to enjoy.

Be Safe
Please do not climb on trees or hang from branches. Only leashed, well-behaved pets are allowed on the grounds. Please clean up after your pet. Pets may not be left in cars during your visit.

Be Respectful
Children must be accompanied by an adult. No bikes, skateboards or in-line skates. Respect others in your group and other visitors. Photos and video for personal use are welcome.

COLLECTION OF SMALL MAPLES

These small-scale maples have year-round appeal: attractive leaves, colorful fall foliage, and unusual bark—in a suitable size for home landscapes.

UMBRELLA MAGNOLIA

The exotic-looking leaves of the Umbrella Magnolia can be nearly two feet long and eight inches across!

CHILDREN'S GARDEN

Cross the bridge to enter our Children's Garden with its hedge maze and colorful theme gardens. Our garden mascots are waiting to meet you.

FOUNTAIN GARDEN

Visit the site of many weddings and formal events: an elegant garden with fountains and a gazebo.

DEMONSTRATION GARDENS

Six idea gardens provide inspiration for your own gardens and hands-on opportunities to explore plants.

LEGEND

- 1 SELF-GUIDED TRAIL POSTS
- 2 INTERPRETIVE SIGNS
- 3 PAVED PATH
- 4 WOODED WALKING TRAILS
- 5 LAWNS
- 6 SPECIALTY GARDENS
- 7 MAIN TRAIL AREA
- 8 WOODED WALKING TRAIL AREA
- 9 BUILDINGS
- 10 INFORMATION
- 11 RESTROOMS & HANDICAP ACCESSIBLE
- 12 SHUTTLE SERVICE
- 13 GARDEN STORE
- 14 WATER FOUNTAIN
- 15 WIFI
- 16 ATM
- 17 PARKING

The Klehm Arboretum & Botanic Garden is a partnership with the Winnebago County Forest Preserve

Requirement 3

Listen as your leader reads the Outdoor Code and Leave No Trace Principles. Then discuss how your can be clean in your outdoor manner and why you should “Trash Your Trash”. Demonstrate the code and principles as you hike around Klehm.

Outdoor Code

As an American, I will do my best to - Be clean in my outdoor manners. Be careful with fire. Be considerate in the outdoors. Be conservation minded.

Leave No Trace Principles

1. Plan Ahead and Prepare
2. Travel and Camp on Durable Surfaces
3. Dispose of Waste Properly
4. Leave What You Find
5. Minimize Campfire Impacts
6. Respect Wildlife
7. Be Considerate of Other Visitors

Requirement 4

While hiking the grounds at Klehm, find three kinds of plants, animals, or signs of animals. Record your observations below. Use the list below for help.

- 1.) _____
- 2.) _____
- 3.) _____

Kinds of Plants

Reference labels on the various plants around the grounds

Common Animals

White Tailed Deer
Red Squirrel
Gray Squirrel
Chipmunk

Signs of Animals

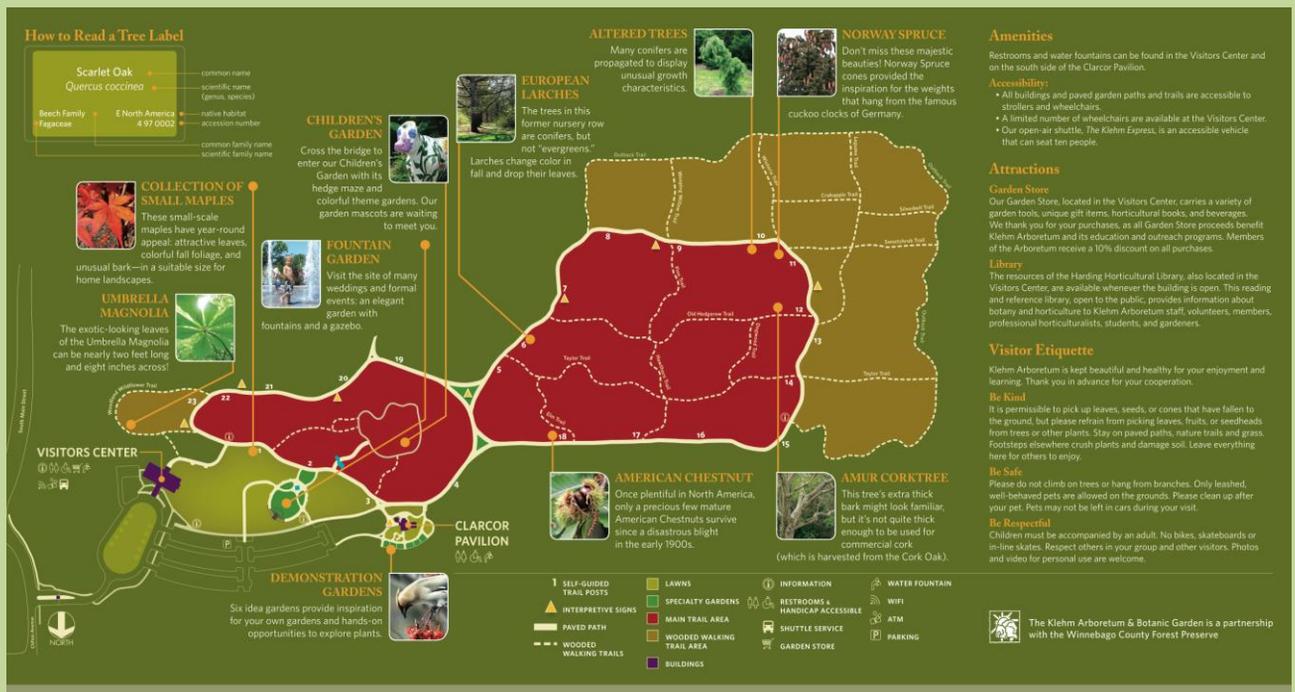
Animal Tracks
Animal scat (poop)
Animal Feeding Signs (hewed grass, stems
and leaves, seedshells)
Animal Homes (Nests, webs, holes)
Trails/ Tunnels

Requirement 5

Host an outdoor pack meeting and sing a song or complete a skit. See the map and sites below to find the perfect site for your meeting.

Great Meeting Places at Klehm with seating

- Children's Garden
- Outside the Clarcor Pavilion
- In the grassy area just between the Visitors Center and the Clarcor Pavilion
- Outside the Visitors Center



Requirement 6

Walk through the collection of small maples and use the signs/ labels to find two trees and two plants. Record their names below.

Trees

1.) _____

2.) _____

Plants

1.) _____

2.) _____

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Quercus coccinea
 Beech Family
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 E North America
 #97 0002

Common name
 Scientific name (Genus, Species)
 Native Habitat
 Accession Number
 Common family name
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CLARCOR PAVILION

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AMENITIES
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Requirement 7

Read the facts below about the White Tailed Deer and the Red Squirrel.

White Tailed Deer

- Deer have a four chambered stomach that allows them to digest tough plant foods
- White tail deer uses it's tail to communicate with other deer
- Whitetail deer get their names from the white hair growing on the underside of their tail and belly
- A deer's coat will change from reddish brown in the summer to grayish brown in the winter to help the deer stay camouflage all year
- Glands on the deer's legs and feet leave a scent on the trail to help communicate with other deer
- A deer can swim at up to 13 miles per hour
- Deer age can be determined by checking it's teeth. Deer have baby teeth just like people and loose their baby teeth by 18 months old
- Bucks mark their territory by removing bark from trees with their antlers this is called a buck rub
- Deer can live up to 11 years in the wild
- Deer are herbivores. They eat grass, leaves, stems, shoots, berries, herbs, acorns, mushrooms, wild fruit and agriculture crops like corn and soy beans
- A whitetail bucks antlers can grow up to 1/2 inch per day
- The size mass and number of points on a bucks rack or antlers is determined by nutrition, age and genetics of the buck
- The estimated nation wide population of the whitetail deer is believed to be 29 million deer
- Each year wolves kill over 40,000 whitetail deer nation wide. Other predators account for an additional 60,000 deer killed each year
- Deer are social animals and often move in herds dominated by an older female

Red Squirrel

- The American red squirrel is one of the smaller tree squirrels
- The color of the fur is highly variable depending on region and season
- During the summer, a black stripe runs along their side, separating the upper parts from the white or creamy belly
- American red squirrels are well adapted for climbing and running through the trees with their compact, muscled bodies, strong claws, and powerful hind limbs
- An individual usually has several nests
- Females have litters of 1 to 8
- American red squirrels feed on acorns, hazelnuts, other seeds of deciduous trees, berries, fruit, shoots, birds' eggs, mushrooms, and strips conifer cones

Requirement 7 cont.

Record two facts that you found most interesting about each animal

White Tailed Deer Facts

- 1.) _____

- 2.) _____

Red Squirrel Facts

- 1.) _____

- 2.) _____
