



Junior Ranger Activity Booklet



Dear Junior Ranger Candidate:

Welcome to Effigy Mounds National Monument! If you would like to earn an official Junior Ranger badge and certificate, please follow these instructions:

- 1) Fill in your name, address, and age on next page.
- 2) Complete the activities from this booklet required for your age level.
A parent, adult, or ranger must verify the completion of each activity.
- 3) Turn in your booklet at the visitor center or mail it to:

Effigy Mounds National Monument
151 HWY 76
Harpers Ferry, IA 52146

Junior Ranger certificates and badges are available at the visitor center desk or by mail. There is no cost for the certificate or badge. Junior Ranger patches are also available for purchase in the visitor center.

* Please call 563.873.3491 for information on purchasing a patch

- 4) Your booklet will be returned to you as a reminder of your visit to Effigy Mounds National Monument.

This booklet is designed to help you explore Effigy Mounds National Monument. Through your attendance at Ranger Programs, by watching the film, visiting the museum, and hiking the trails, you should gain:

*An understanding and appreciation of the early American Indian people that inhabited this area so long ago.

*An understanding and appreciation of the natural environment here and along the Upper Mississippi River Valley.

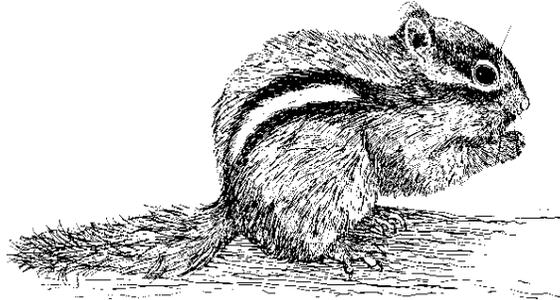
*A knowledge of the National Park Service's mission to preserve and protect natural and cultural resources.

Good luck and have a great time!



Name: _____

Address: _____



If you are 6 - 7 years old, you must complete three activities in this booklet.
If you are 8 - 10 years old, you must complete six activities in the booklet.
If you are 11 - 12 year old, you must complete all nine activities in this booklet.

Have an adult initial below after completion of each activity.

Activity	Page	Completion verified by adult's initials
1. Effigy Mounds Bingo	4	_____
2. Animal Scramble & Match	5	_____
3. Adopt-A-Tree	6 & 7	_____
4. What's Right, What's Wrong	8	_____
5. What Belongs in the Mound?	9	_____
6. Match the Mounds	10	_____
7. Picture the Past	11	_____
8. Effigy Crossword Puzzle	12 & 13	_____
9. Digging Deep	14	_____
10. Effigy Bear Mound Maze	15	_____
11. National Parks Word Search	16	_____

*** Bonus points:**

Attend a ranger led program in addition to activities in the book. Ranger initials: _____



EFFIGY MOUNDS BINGO

As you walk along the trails at Effigy Mounds National Monument, you will see and hear many different things. Observe any of the items in the squares below and make an X through it. Get five in a row up, down, across, or diagonally and you have BINGO!



An Eagle or Turkey Vulture

Animal Track

Boat on the Mississippi River

Leaf Chewed by an Insect

Bird Nest



Little Bear Mound



Bird Sing-

Squirrel Leaf Nest

Bird Feather

Compound Mound

Wild Mammal

Maple Tree

Piece of Litter (please pick it up!)



Frog Calling

Conical Mound

Fork in the Trail

Spider Web

Dog on a Leash

Mosquito

Park Ranger

Reptile or Amphibian

Great Bear Mound

A Fern

Den Hole in a Tree

Mushroom or Fungi



Created by National Wildlife Service/DOO Savannah



ANIMAL SCRAMBLE & MATCH

Unscramble the letters below to discover what each animal is. Then match the number of each animal with its description.

1. DLWI RKUTYE

2. REBVEA

3. DIPRES

4. AESKN

5. ETIALWIHT EERD

6. SQTIMOOU

7. ULSERQIR

8. NORCACO



A. I have 8 legs and up to 8 eyes. I like to eat
sects after spinning a web to trap them in.____

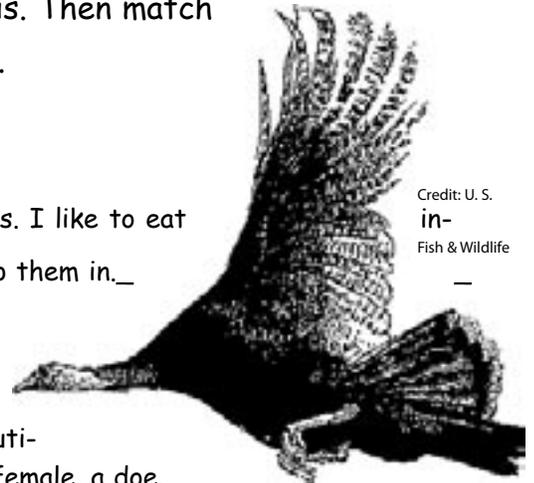
B. I am a large brownish mam-
mal that many people think is beauti-
ful. A male is called a buck and a female, a doe.____

C. I am the mammal you are most likely to see while walking the trails
at Effigy Mounds. I will ignore you if I am busy gathering nuts._____

D. I am a big bird, but you don't see me fly too often. Ben Franklin
wanted me to be the national bird, but the eagle was chosen instead.
Thanksgiving is a holiday I do not like._____

E. I am nocturnal, meaning I hunt for my food at night. I like to eat
seeds, insects, and berries. If you are camping and leave food unattend-
ed, I might steal it. I guess that's why I'm a Masked Bandit._____

F. I am North America's largest rodent, growing up to 46 inches long,
including my flat tail. My front teeth are sharp and help me cut trees
down to build a dam or lodge._____



Credit: U. S.
in-
Fish & Wildlife



ADOPT-A-TREE

While walking along the trails at Effigy Mounds National Monument, you might encounter the tree that is "just right for you." If so, you can adopt that tree! When you have found the perfect tree, answer the following questions. Then come back to Effigy Mounds National Monument time and time again to check on your tree and give it a hug!

Where is your tree? (Describe its location along the trail. Example: On the right side of the trail just before Little Bear Mound.) _____

What kind of tree is it? _____

What do you think this tree has seen over the years of its life? _____

Do you think the tree is older or younger than you? _____



This is to certify that _____ has adopted above said tree by the name of _____ within the boundaries of Effigy Mounds National Monument. The above named person will treat this tree with respect and honor, including the environment in which the tree is found.

Certified this Day _____

Signed _____
(Park Ranger)



DO A BARK RUBBING OF YOUR TREE

Place this page against the tree's bark and rub the side of a pencil or crayon across the paper to bring up an image of the bark.



WHAT'S RIGHT, WHAT'S WRONG?

While visiting Effigy Mounds National Monument, decide below what are the things that are okay to do and circle them. Cross out the things that are wrong to do.



- Smell the flowers
- Keep dogs on a leash
- Dig in the Indian mounds for souvenirs
- Feed the wild animals
- Put litter in a trash can
- Pull a squirrel's tail
- Pick the flowers
- Throw rocks off Fire Point
- Walk on the mounds
- Say "HI" to a park ranger

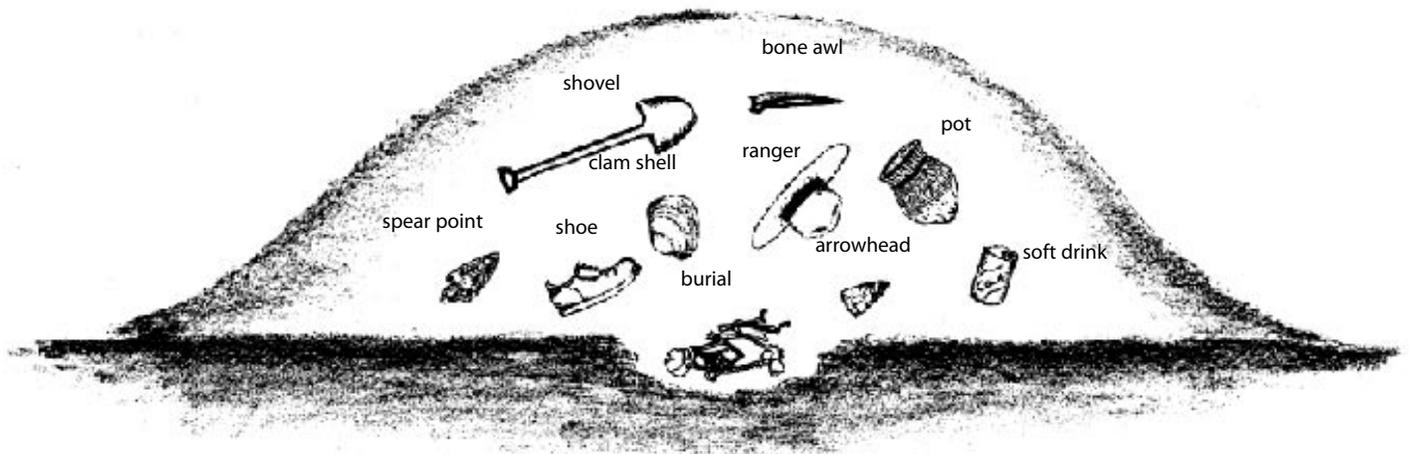


Credit: U. S. Fish & Wildlife



WHAT BELONGS IN THE MOUND?

Find and circle six things that could be found in an undisturbed prehistoric Indian mound. Cross out the things that do not belong.



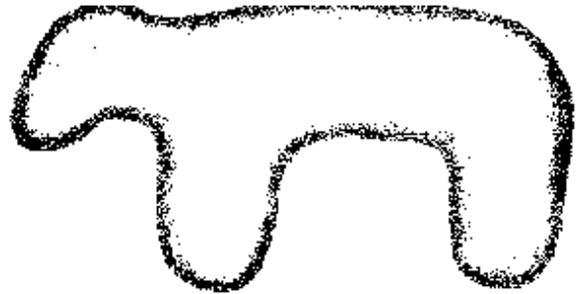
MATCH THE MOUNDS

Draw a line to the correct mound shape from its description.

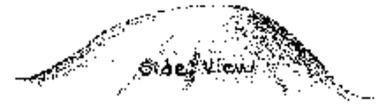
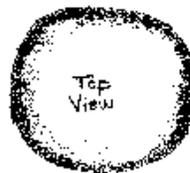
Effigy Mound - The term effigy refers to mounds built in the shape of something. Here at Effigy Mounds National Monument, we have effigy mounds in the shape of bears and birds.



Conical Mound - Round, dome shaped mounds three to ten feet high and approximately ten feet across. Some can be bigger, some can be smaller.



Linear Mound - Long, fat, cigar shaped mounds in lengths from 50 to 300 feet long and up to 10 feet wide.



PICTURE THE PAST

Visit the museum, watch the film, and/or go on a hike with a ranger to find the answers to the following questions. Compare your life to the life of a Woodland Indian your age living 1,000 years ago.

WOODLAND INDIAN

YOU

Where they lived in the winter: _____

Where you live in the winter: _____

How they would get their food: _____

How you get your food: _____

What they did for fun: _____

What you do for fun: _____

Where they put someone who had died: _____

Where you put someone who has died: _____

Who they would be with at a feast or celebration: _____

Who you would be with at a feast or celebration: _____

How they would know it is dinnertime: _____

How you know it is dinnertime: _____

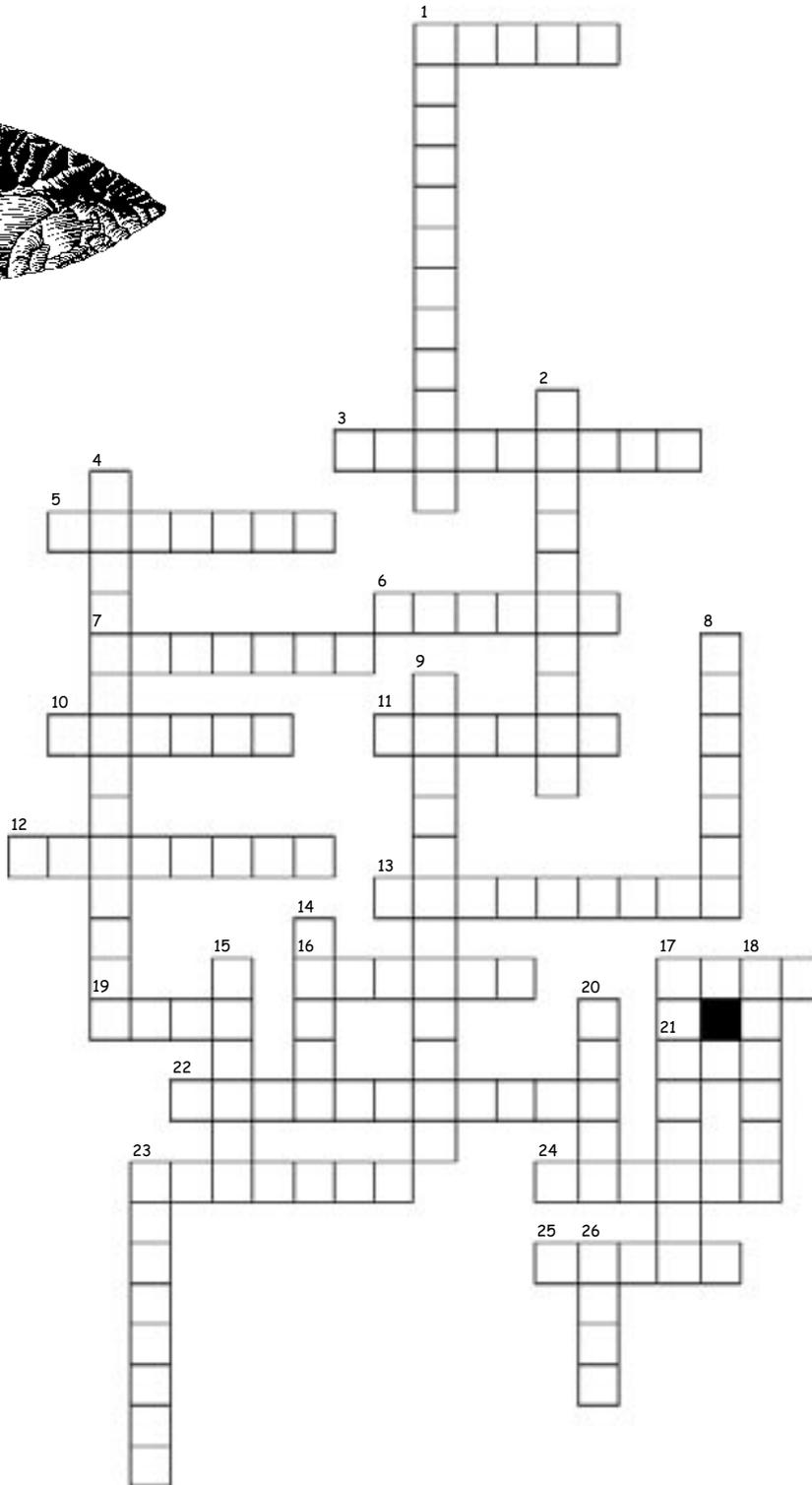
Which ways of life of the Woodland Indian are similar to yours? _____

Which ones are different? _____



EFFIGY CROSSWORD PUZZLE

Use the brochure, film, museum, and/or ranger-guided hike to fill in the crossword puzzle.



ACROSS

1. This huge bird can have a wingspan of 6 1/2 feet and has a white head when it is mature.
3. The view from here includes the Mississippi River and Prairie du Chien, WI. Ashes found in the mounds here give this place its name. (2 words)
5. Tall grassy area that is sometimes set on fire to rejuvenate the plants.
6. A person in the park who can answer your questions, help you, or lead you on a hike.
7. From an overlook, you may see one of these pushing barges upriver.
10. The river between the North and South Units of Effigy Mounds National Monument.
11. Moundbuilders _____ for exotic items like copper, obsidian, mica, and ocean shells.
12. Type of mound made up of conical and linear mounds.
13. Beware of this plant in the woods "itching" to get you. (2 words)
16. This type of tree has an acorn that Native Americans ground up and used for food. (2 words)
17. Some spiders build these to trap insects.
19. A large animal the Woodland Indians hunted for food, especially in the winter.
21. Ellison _____, the man who studied the mounds in the early 1930s.
22. The grand river that can be seen from the overlooks on the monument's trails.
23. Places to look at and study artifacts and art of past cultures.
24. Prehistoric spear thrower.
25. At Effigy Mounds National Monument, there are effigy mounds in the shape of bears and _____.

DOWN

1. The name of the film shown regularly at Effigy Mounds National Monument.
2. A bird you might hear tapping at trees as it looks for insects.
4. The largest effigy mound in the North Unit. (3 words)
8. The Woodland Indians made this out of clay to store food and to cook in.
9. A person who studies the artifacts of a past culture.
14. Listen carefully and you might hear these amphibians calling near the water, especially at night.
15. Effigy Mounds National Monument has over 13 miles of these you can hike on.
17. The name given to the Native Americans who built the mounds.
18. One of the things sometimes found in a mound.
20. The type of material used to make stone tools.
23. You might encounter one of these pesky insects on your hike.
26. The state in which Effigy Mounds National Monument is located.
23. You might encounter one of these pesky insects on your hike.
26. The state in which Effigy Mounds National Monument is located.

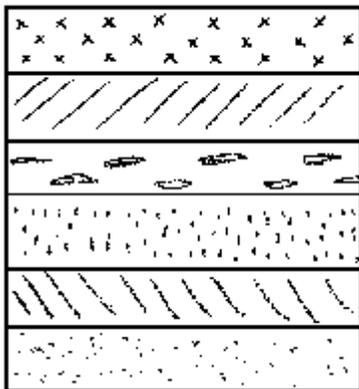
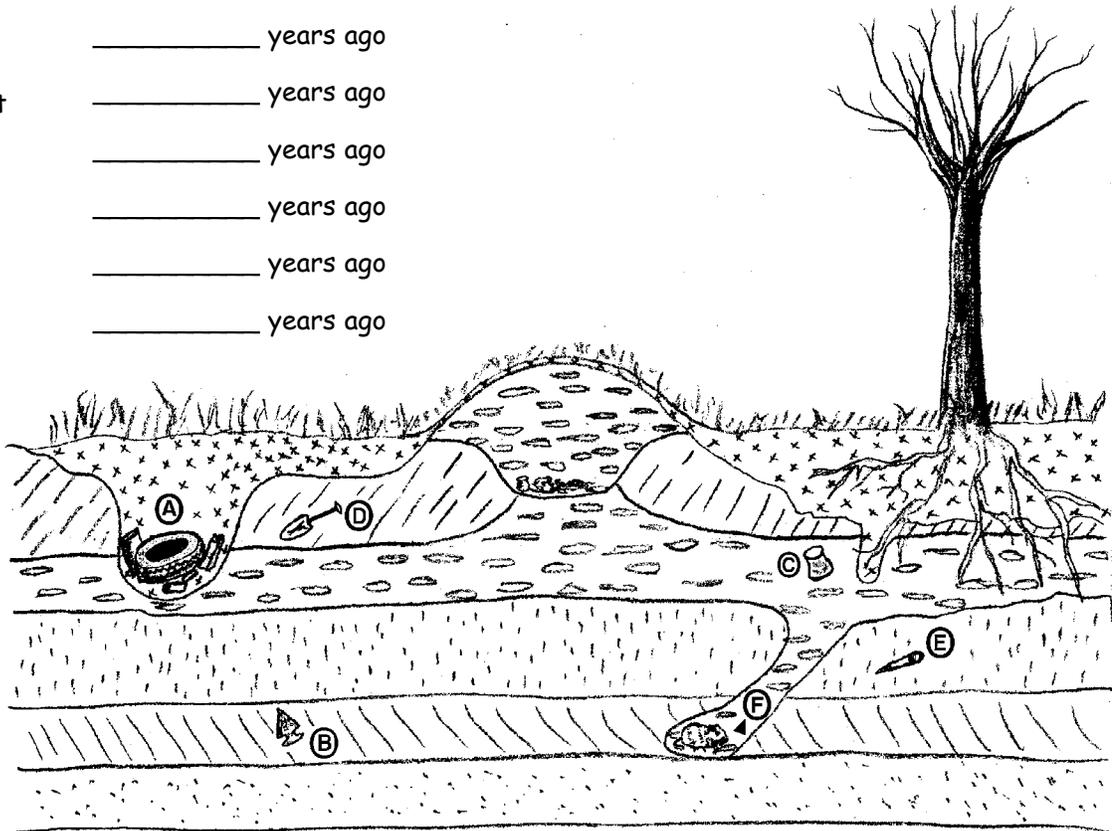


DIGGING DEEP

When archeologists study artifacts of prehistoric peoples, they usually discover the deeper an object is in the ground, the older it is. But not always! Watch out for disturbances in the soil.

Using the diagram and key below, match the time period of each soil section with the artifact found in the ground.

Artifact	Time Period
A. Tire	_____ years ago
B. Spear Point	_____ years ago
C. Pot	_____ years ago
D. Shovel	_____ years ago
E. Bone Awl	_____ years ago
F Arrowhead	_____ years ago



- 0-10 years ago
- 10-200 years ago
- 200-800 years ago
- 800-1500 years ago
- 1500-8000 years ago
- 8000+ years ago



This page is for your thoughts, notes, sketches...

