

# Nature Center Field Trips



## 2023-2024 Programs

- Programs align with Next Generation Science Standards (NGSS) and Michigan Science Standards (MSS).
- Programs are 90 minutes.
- Base cost is \$4/person - park entry is included.  
*Some programs require an additional \$1-2 materials fee.*
- Northern Oakland County - Wint Nature Center (within Independence Oaks in Independence Twp.).
- Southern Oakland County - Red Oaks Nature Center (in Madison Heights).
- Let us come to you! Some programs can travel - contact the Nature Centers for more information.



**Our skilled Naturalists worked with Michigan classroom teachers to design our new field trip offerings. We are here to help you meet the needs of your students by reinforcing your curriculum. Please call the Nature Centers and let us help your learners grow this school year! We also offer more general field trip topics - for a full list, please visit our website.**

Ready to book or have questions? Contact your nearest Nature Center to speak to one of our friendly team members.



**Wint Nature Center**  
9501 Sashabaw Rd.  
Clarkston, MI 48348  
248-625-6473  
NatureEducation@oakgov.com



**Red Oaks Nature Center**  
30300 Hales St.  
Madison Heights, MI 48071  
248-585-0100  
NatureEducation@oakgov.com



**See reverse side for program offerings by grade**

| Grade Level  | Field Trip Topics                   | Standards              | Program Description                                                                                                                                                                                        |
|--------------|-------------------------------------|------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Pre-K        | <i>Animal Track Detectives</i>      | N/A                    | Become Nature Detectives and learn about local wildlife through the evidence they leave behind. Stamp a track story on an activity sheet (provided) or t-shirt (students must provide).                    |
| Kindergarten | <i>Reduce our Impact</i>            | ESS2-2, ESS3-1, ETS1-1 | Learn about the impact animals have on their habitats. Brainstorm ways that humans change their environment and make an upcycled craft.                                                                    |
| Kindergarten | <i>Plant and Animal Needs</i>       | LS1-C, ESS3-A          | Students use their senses to learn about the living and non living items around them.                                                                                                                      |
| 1            | <i>Nature Invented it First</i>     | LS1-1                  | Learn how nature has inspired engineers to solve human problems through inventions.                                                                                                                        |
| 1            | <i>Adaptations of Living Things</i> | LS1-A                  | Discover which adaptations help animals survive in their habitats. Students then put that knowledge to the test by creating an animal with natural adaptations to help them survive.                       |
| 2            | <i>Stuck on You</i>                 | LS2-2                  | Learn about seed dispersal and pollination as we explore how animal behavior helps plants spread their seeds. A hands-on experiment will illustrate how animals help seeds move from one place to another. |
| 2            | <i>Erosion</i>                      | ESS1-1, ESS2-1         | The earth changes, but how? Brainstorm, discuss and examine the ways that erosion changes the earth.                                                                                                       |
| 3            | <i>Wild About Wolves</i>            | LS2-A, LS1-A,D         | Did you know that wolves live in Michigan? Have a “howling” good time becoming a wolf and learn how to be a member of the pack, “speak” wolf and catch prey.                                               |
| 3            | <i>Force and Motion</i>             | PS1-1, PS2-2           | Explore how we make items move. How can we make them go faster or slower? Discover how gravity and friction impact how things move.                                                                        |
| 4            | <i>Owl Pellets Aren’t Puke</i>      | LS1-1, 2 GA-3, PS3-2   | Learn how owls are connected to other animals (and even plants!) in the food web by measuring and dissecting an owl pellet.                                                                                |
| 4            | <i>Rock Cycle</i>                   | ESS1-C, ESS2-A,B       | Discover how different types of rock are formed. Learn how fossils are formed and the many different types.                                                                                                |
| 5            | <i>Water Cycle</i>                  | ESS2-1                 | Discuss where water comes from and learn about the water cycle. Take a nature hike to see how water impacts the earth.                                                                                     |
| 5            | <i>Ecosystems</i>                   | LS2-A, LS4-D           | Ecosystems consist of plants and animals interacting together. Discover different ecosystems on a nature hike and learn about their connections.                                                           |
| 5            | <i>StarLab</i>                      | ESS1-A, ESS1-B         | Inside our inflatable/portable planetarium students learn about the constellations in the night sky, why some stars appear brighter than others and about the observable patterns of the stars and sun.    |