**Woldumar Naturalist Lessons**

**Annie’s BIG Nature Lesson 2024-2025**



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| **Animal Homes & Niches**  basic needs, adaptations, habitats | Explore the habitats at Woldumar and learn what animals need to survive.  Investigate various animals’ roles within the different habitats. |
| **Insect Safari**  life cycles, pollination, insect anatomy | Are all bugs insects? What makes an insect an insect? Let’s investigate and explore how and why insects are vital to our environment. |
| **Moon Cabin Exploration**  Michigan history, basic needs | Step through the doors of Darius Moon’s boyhood home and take a trip into the past. Compare life and resources from 1863 to the lives we live today. |
| **Nature Detectives**  5 senses, adaptations, compare & contrast | Come along as we sleuth through the various habitats and compare and contrast our senses to the senses of animals that call Woldumar home. |
| **Plants on the Move**  Plant anatomy, pollination, human impact | Float like a dandelion or burst like jewelweed as we investigate how plants survive and “move” via their seed dispersal methods. |
| **Pond Exploration**  life cycles, freshwater ecology, and water quality | Students collect and classify pond inhabitants to explore pond ecology and aquatic life cycles. Use the findings to determine the water system's health. |
| **Reasons for the Seasons**  climate, adaptions, migration vs hibernation | Why does Earth have seasons? How do plants and animals adapt to its patterns? Learn about wildlife and plant survival strategies. |
| **Waterdrop Adventures**  water cycle, climate, pollution, geology | Travel through the water cycle, explore how water moves from one place to the next, and how it is affected by pollution. |
| **What’s the Buzz?**  ecological relationships, pollinator and plant parts | Let's get our hands dirty learning about the plants in our pollinator gardens.  Explore the importance and variety of native plants and pollinators of Michigan. |
| **Wilderness Survival**  basic needs, critical thinking, prioritizing & planning | Learn to meet your own basic needs if you ever need to survive in the wild. What are ways animals fill their needs? |