



GCV&M Curriculum Connections (Grades PK-12)

Spring Nature Discoveries

This field trip highlights adaptations, life cycles, and biodiversity with a focus on amphibians and reptiles through hands on experiences in nature. During this guided tour, your class will rotate through stations that could include hands-on activities, a 1 mile nature walk, a live animal presentation, and games.

FIELD TRIP OBJECTIVES

KEY WORDS

- The student will understand adaptations that help animals thrive.
- The student will be able to identify native animals and interactions that they have with their habitats.
- The student will be able to assess biodiversity based off of observations of the local landscape.
- The student will model migration of salamanders to learn about life cycle and amphibians.
- The student will be able to classify animals into the correct animal kingdoms .

Adaptations	Life Cycle
Habitat	Migration
Ecosystems	Climate
Animal Kingdom	Landscape
Biodiversity	Observation
Amphibians	Population
Interactions	Species
Reptiles	Relationships

Connections to NYS Standards

P. Physical Science [PS1-1]
P. Life Sciences [LS1-1, LS3-1]

K. Matter and It's interaction. [PS1-1]
K. Interdependent Relationships in Ecosystems:
Plant, Animals and Their Environment
[LS1-1, ESS2-2, ESS3-1]

1. Structure, Function and Information Processing
[LS1-1, LS1-2, LS3-1]

2. Interdependent Relationships in Ecosystems
[LS2-1, LS2-2, LS4-1]
2. Earth's Systems [ESS1-1, ESS2-3]

3. Interdependent Relationships in Ecosystems
[LS2-1, LS4-1, LS4-3, LS4-4]
3. Inheritance and Variations of Traits: Lifecycles and
Traits [LS3-2, LS4-2]

4. Energy: [ESS3-1]
4. Structure, Functioning and Information Processes
[LS1-1, LS1-2]

4. Earth Systems: Processes that shape the Earth [ESS1-1]

5. Matter and Energy in Organisms and Ecosystems
[PS3-1, LS1-1, LS2-1]
5. Earth's Systems [ESS2-1, ESS3-1]

MS. Interdependent Relationships in Ecosystems
[LS2-2, LS2-5]
MS. Matter and Energy in Organisms and Ecosystems
[LS2-1, LS2-3, LS2-4, LS2-6]
MS. Natural Selection and Adaptations [LS4-1, LS4-6]
MS. History of the Earth [ESS2-2, ESS1-4]
MS. Earth's Systems [ESS2-1, ESS3-1]
MS. Human Impact [ESS3-3, ESS3-4]

HS. Interdependent Relationships in Ecosystems
[LS2-1, LS2-2, LS2-7]
HS. Matter and Energy in Organisms and Ecosystems
[LS2-3]
HS. Natural Selection and Evolution [LS4-4, LS4-5]
HS. History of the Earth [ESS1-5, ESS1-6]
HS. Earth's Systems [ESS2-5]
HS. Human Sustainability [ESS3-1, ESS3-3]