

<u>Program</u>	<u>Grade Level</u>	<u>Length</u>	<u>Description</u>	<u>Standards</u>	<u>Is there a PPT?</u>
PowerPoint Presentations	Any Age	30-60 minutes	The St. Joseph County Soil & Water Conservation District can give PowerPoint presentations on any environmental topic of your choosing. The length of the presentation can vary by your class periods.	Standards will depend on subject and grade level.	
Birds and Bugs (Camouflage)	K-3rd	30-45 minutes	A general discussion of what camouflage is and how it helps animals survive in their environment. Students will do an activity, "Birds and Bugs" to better understand how camouflage works as an adaptation.	K-LS1-1, K-ESS3-1, 1-LS1-1, 3-LS3-2, 3-LS4-2	No
Recycling Relay	K-3rd	20-30 minutes	This program has students learn the basics of recycling and composting as well as the consequences of throwing trash into the environment through an activity.	K-ESS2-2, K-ESS3-3, 3-LS4-4	No
Backyard Safari!	K-4th	30-45 minutes	This program gives students the opportunity to explore creatures that may be around their school. Students will learn what a habitat is and the needs that all plants and animals require: food, water, and shelter.	K-PS3-1, K-LS1-1, K-ESS2-2, K-ESS3-1, 1-LS1-1, 2-LS2-1, 2-LS4-1, 3-LS4-4, 4-LS1-1	No
Predator/Prey Game	K-6th	30-45 minutes	This program focuses on the relationship between predator animals and prey animals by playing a game.	K-LS1-1, 1-LS1-2, 1-LS1-3, 3-LS2-1, 3-LS4-2, 3-LS4-3, MS-LS2-1, MS-LS2-2	No
Furs and Skulls, Oh My!	K-8th	30-45 minutes	This program uses real and replica furs and skulls to discuss if a creature is a predator and prey based on their adaptations. Students will also learn about carnivores, herbivores, and omnivores in this interactive program.	K-LS1-1, 1-LS1-1, 2-LS4-1, 3-LS4-3, 3-LS4-4, MS-LS4-6	No
Soils 101	2nd-7th	45 minutes	A general discussion about how soil is formed, layers of the soil, particles that make up soil, and the function of soil. Then, students will do an activity with soil shake jars.	2-ESS1-1, 4-ESS2-1, 4-ESS2-2, 5-ESS2-1, MS-LS2-5, MS-ESS3-1	Yes
Pollinator Power!	2nd-8th	30-60 minutes	A general discussion of what pollinators are, what they do, and some examples of Indiana pollinators. Students will get to pretend to be honeybees and learn about pollination in a game called Honeybee Relay.	2-LS2-2, 3-LS4-3, 3-LS4-4, 4-LS1-1, MS-LS2-1	Yes
The Wonders of Water	2nd-12th	30-45 minutes	A general discussion of the properties of water, the water cycle, watersheds, and how pollution affects watersheds and the water cycle. For older grades, going into more detail on point and non-point source pollution. Teachers can request the watershed tarp activity, augment reality sandbox, and/or the Enviroscape. (Note: The sandbox and Enviroscape are for indoor use only. The watershed tarp activity is for outdoor use only.)	2-ESS2-1, 2-ESS2-3, 5-ESS2-1, 5-ESS2-2, 5-ESS3-1, MS-LS2-5, MS-ESS3-1, MS-ESS2-4, MS-ESS3-3	Yes
Indiana Wildlife and Habitats	3rd-12th	45-60 minutes	A general discussion on the fauna of Indiana, specifically commonly seen animals of St. Joe County (can include amphibians, reptiles, birds, and/or mammals).	3-LS4-2, 3-LS4-3, 3-LS4-4, 4-LS1-1, MS-LS2-5, HS-ENV2-2	Yes
Earthworms!	4th-6th	30-45 minutes	This program discusses the importance of earthworms, body parts, and students will get to see some live earthworms. Students will create their own "earthworm" to eat. For older grades, doing a "Worm Investigation" with live earthworms.	4-LS1-1, 5-LS2-1, MS-LS2-2, MS-LS2-3	No
Weaving an Energy Web	4th-6th	30-45 minutes	This program focuses on identifying producers, consumers, and decomposers, as well as, predators and prey based on their relationships and interactions with other organisms in their ecosystem.	5-PS3-1, 5-LS2-1, MS-LS2-1, MS-LS2-2, MS-LS2-3	No
Invasive Species Murder Mystery	4th-6th	45-60 minutes	A general discussion on what an invasive species is, how they got here, and some examples of some in Indiana (PPT). Then, students will do a "Clue"-based activity in small groups.	MS-LS2-1	Yes
Wetlands of Indiana	5th-6th	45 minutes	A general discussion on what a wetland is, the different types of wetlands, the uses/benefits of wetlands for the environment and humans, and what would happen if there weren't any.	5-ESS2-2, MS-LS2-5	Yes
Tree I.D.	5th-8th	45 minutes	A general discussion on the uses of trees for us and for wildlife and identifying native trees of Indiana by their leaves. Then, students will do a relay race game to practice tree identification (This program can be done inside or outside.)	5-PS3-1, 5-LS1-1, MS-LS2-1, MS-LS2-2, MS-LS1-5	No
Soil Health 101	5th-12th	45-60 minutes	A more in-depth discussion of soil, using experiments and PPT. A discussion of what is soil health, its benefits to the environment and agriculture, and the 4 principles of soil health.	5-ESS3-1, MS-ESS3-3, HS-ENV1-5	Yes
Basics of Hoosier Riverwatch	6th-12th	45-60 minutes	This volunteer water monitoring program helps students better understand water quality. Students will actually get to assist in pH, Nitrate, Phosphate, and Dissolved Oxygen tests.	MS-ESS3-1, HS-ENV1-5	Yes
Learn Your BMPs	7th-12th	45-60 minutes	This program is an introduction to best management practices (BMPs) that are being done in agriculture and why they are good for soil health. This includes no-till, cover crops, crop rotation, and more!	MS-ESS3-1, MS-ESS3-3, HS-ENV5-2, HS-LS1-5, HS-LS2-7 (LS4.D)	Yes
A Day In the Watershed! Field Trip	9th-12th	All Day	An all-day exploration all about water and watersheds! Students will have the opportunity to learn about The St. Joseph River watershed, canoe the St. Joe River, learn about fish of the St. Joe River, and finally do some Hoosier Riverwatch chemical and macroinvertebrate monitoring tests. September ONLY! Please email or call for more details!	HS-ENV1-1, HS-ENV1-5, HS-ENV2-2, HS-ENV5-1	No
Owl Prowl!	Family	Evenings (variable costs)	This is a family event that is held at a number of locations. The program starts with learning about owls and their features, common owls of Indiana, and ends with a night hike to try to call in these common Indiana owls. March and October ONLY. Please email or call for more details!		No