

This is a list of Programs and Materials available through the Fayette County Conservation Boards Environmental Educational Program.

Program Topic:	Target audience:	Time:	Description:
100 Inch Hike	1st Grade and Up	15 - 30 min.	Participants will take a 100 inch long string and place it down on the ground in a outdoor location. Then they will take a magnifying glass and look down and up each side of the string right along it's edge. Older participants can record on a piece of paper what they find along the string.
A B C Walk	1st Grade and Up	30 min. - 1 hr.	On a non-strenuous hike participants will discover all sorts of different wildlife, plants, and more that start with different letters of the alphabet. For the younger participants the naturalist will write down a list of the different things seen and heard on an alphabet list. For the older participants they can write on
A Beak for Every Need	4th Grade and Up	1 - 1 1/2 hrs.	Participants will use different utensils "beaks" at various stations "habitats" to experience how bird beaks are adapted to the food they eat within their habitat.
A Penny Saved is A Penny Earned	5th Grade and Up	30 min. - 1 hr.	Through this program participants will discover simple things they can do to save energy, use water responsibly, reuse as much as they can, reduce their waste going to the landfill and more.
Amphibian's	1st Grade and Up	30 - 45 min.	Participants will learn about many of the different Amphibian's that live in Iowa and what their life cycle is. If the teacher wants and it is the right time of the year, a frog hatching kit, containing live tadpoles will be left in the room for the participants to watch turn into frogs.
Animal Antifreeze (Adapted from an OBIS Activity)	1st Grade and Up	1 - 1 1/2 hrs.	Participants will locate places within a snow covered activity site that would protect a winter sleeper or hibernating animal from freezing to death. They will then test this site out to see if an imaginary animal will survive in their site. Through this activity participants will gain an understanding of what hibernation
Animal Coverings	Preschool and Up	25 - 30 min.	Participants will discover what animal covering means and why it is important to the animal. They will also get to see and feel many different animal coverings.

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Animal Match Up	All Ages	30 min.	Participants will each get a picture of a parent or a baby animals and then they will have to match them selves up parent to baby. Great activity looking at what different animals and their babies look like.
Animal Movement	Preschool and Up	30 min.	Participants will see many different animal feet, body parts and pictures to help them to better understand how animals move. Then if there is time and room the participants will get an opportunity to try and move like many of the different animals talked about.
Animal Skulls and Teeth	3rd Grade and Up	30 min. - 1 hr.	Through this program participants will discover what a herbivore, omnivore and carnivore are and what their teeth and skulls look like. They will also get to see many different animal skulls and teeth.
Animal Skulls, Teeth and More	3rd Grade and Up	30 min. - 1 hr.	Through this program participants will discover what a herbivore, omnivore and carnivore are and what their teeth and skulls look like. They will also get to see many different animal skulls and teeth. They will also get to see other animal bones like back bones, leg bones, rib bones and more.
Animal Sounds or Animal Communication	2nd Grade and Up	30 - 1 hr.	Through this program participants will learn about many different reasons why animals make sounds. They will discover though recordings and live demonstrations what many different animals sound like.
Animals in Winter	Preschool	20 - 30 min.	The program is based around a book called "Animals in Winter", by Henrietta Bancroft and Richard G. Van Gelder. Through this program the students will discover what the animals in the book do during the winter time. The naturalist will bring furs and more for the kids to see and touch.
Animals of Fayette County	All Ages	30 min. - 1 hr.	Participants will discover some of the many furry, feathered, slimy and scaly animals that live in Fayette County. They will also get a chance to touch and feel some of these animals.
Animals Prepare for Winter	Kindergarten and Up	20 - 30 min.	Participants will discover what many different animals must do to prepare for winter. They will see picture of many of these animals and feel many different study skins.
Animals Tracks Book	Preschool and Up	30 min - 1 Hr.	Participants will get to make their own track book. Using stencils that have pictures of the animals on them they will match the pictures in their books and then draw the track into the book next to the animal the stencil matches.

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Animals With and Without Backbones - "Creature Feature"	4th Grade and Up	45 min. - 1 hr.	Participants will discover the 6 different invertebrate groups and the 5 different vertebrate groups. They will be able to see through pictures, study skins, specimens, mounts and possibly live animals many different invertebrate and vertebrate animals.
Animals With Backbones	2nd Grade and Up	30 - 45 min.	Participants will discover the 5 different vertebrate groups. They will be able to see through pictures, study skins, specimens, mounts and possibly live animals many different vertebrate animals.
Aquatic Study	1st Grade and Up	1 1/2 - 4 hrs.	Participants will discover through hands on collecting what critters live in and around an aquatic habitat. Participants will first get to collect critters. They will then get to take their collected critters and sort them into smaller containers so they can study them closely. Handouts and books will be available to help participant identify the critters they collect. The naturalist will also go around and help out. Adult or older participant volunteers will be needed with younger groups to watch and help them.
Basic Bird Identification	Preschool - Kindergarten	30 min.	Participants will learn about different birds that live in Iowa though looking at pictures and hearing what many of them sound like.
Basic Bird Nests	Preschool - Kindergarten	30 min.	Participants will get to see pictures of and actual bird nests. They will discover what the nests are made of and the basics of how the bird makes them. They will also learn what bird uses what nest.
Basic Tree Identification	Preschool - Kindergarten	30 min. - 1 hr.	Participants will learn though preserved leaves or by a hike many of the different tree's that live in Iowa. A hand out will be provided for participants to take home.
Bat and Moth = Game	Kindergarten and Up	15 - 30 min.	Participants will simulate how bats use echolocation to catch moths and other insects.
Bats at the Library	Preschool and Up	30 min.	This program is based around the book "Bats at the Library", by Brian Lies. The presenter will talk about bats and what makes a bat a bat. Then read the story. Then after the story talk about the story and share photos of Bats that live in Iowa and more.
Bird Identification - Slide Show	2nd Grade and Up	30 min. - 1 hr.	Participants will see and hear many of the different birds that live in Fayette County.

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Bird Nests	4th Grade and Up	1 hr.	Participants will look at many different pictures of birds nest and actual bird nests. They will also discover through this program the many different types and locations that birds build their nest, as well as the materials they use to build their nests.
Bird's of North East Iowa	2nd Grade and Up	30 min. - 1 hr.	Power Point program showing many of the different birds seen and heard in North East Iowa. Bird sounds will also be present when available.
Bucket Composting	Kindergarten and Up	30 min. - 1 hr.	Participants will learn what materials can be composted and how to compost them properly. Some participants will get a chance to help make a composting bucket that will stay in the classroom (if the teacher wants it). This bucket will let the participants see and feel first hand how composting works.
Butterflies	Kindergarten and Up	30 min.	Participants will discover the life cycle of a butterfly. (If the teacher wants and it is the right time of the year a butterfly growing kit can be left in the room so that the participants can watch caterpillars turn into butterflies.)
Butterflies and Frogs	1st Grade and Up	30 min.	Participants will discover the life cycle of a butterfly and a frog. (If the teacher wants and it is the right time of the year a butterfly growing kit and a frog hatching kit can be left in the room so that the participants can watch caterpillars turn into butterflies.)
Butterflies and Moths	Kindergarten and Up	30 - 45 min.	Participants will discover the life cycle of a butterfly and moth. They will also find out how to tell a butterfly and a moth apart. (If the teacher wants and it is the right time of the year a butterfly growing kit can be left in the room so that the participants can watch caterpillars turn into butterflies.)
Camouflage	1st Grade and Up	30 min. - 1 hr.	Participants will discover what camouflage is and how it helps living animals. They will see many different pictures, study skins, and mounted animals, to help them learn about camouflage.
Camouflage and Other Tricks	2nd Grade and Up	30 - 45 min.	Power Point teaching participants about Camouflage. Lots of great pictures and information.

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Camping Safety	Preschool and Up	30 min.	Participants will discover how to be safe when camping. They will get to see pictures, study skins, mounts and more of things they need to look at but not touch. They will find out what they should and should not do around a fire. Plus lots of other great camping safety information. Each Participant will take home a informational hand out for parents and guardians to learn more about camping safety.
Canoeing Basics	6th Grade and Up	1 - 6 hrs.	Participants must first learn about Water Safety through the "Water Safety" program the county offers. Participants will be teamed up in canoes according to their experience canoeing. The county will provide the life jackets, canoes and paddles unless the group we are working with has them available. All canoeing will be done on a safe quiet body of water.
Career Exploration	Preschool and Up	30 min. - 1 hr.	Participants will learn what classes, schooling, training and more the presenter has to have to do their job. They will also learn about the presenters job duties and responsibilities.
Chain Gang	3rd Grade and Up	30 min. - 1 hr.	Participants will discover what a predator, prey, producer, consumer, herbivore, omnivore, carnivore and decomposer are. They will also discover what a food chain, food pyramid and food web are. They will find out where producers, herbivores, omnivores, carnivores and decomposers belong on a food chain, food pyramid and food web.
Chains and Webs	Preschool - 2nd Grade	30 - 45 min.	Participants will discover the basic definition of a food chain, food web, plant or producer, plant eater, and meat eater. Many of the participants will become part of either a food chain and/or food web to help them understand first hand who eats who or what.
Colors and Shapes	Preschool - Kindergarten	30 - 45 min.	Participants will be asked if they know what color's and shapes the Naturalist has brought with her. They will then look for these colors and shapes in around their classroom, in pictures and outside around the school (if there is time and a place to look).
Composting	All Ages	30 min. - 1 hr.	Participants will learn what materials can be composted and how to compost them properly. They will find out about many of the different types of composting bins they can build or purchase.

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Creek Critter Catching	1st Grade and Up	2 - 4 hrs. or longer	Participants will discover, through hands on collecting what critters are in a stream. They will look at food chains and webs found in and around the stream. There will need to be adult volunteers around one adult to every 4 - 6 kids.
Crop Identification Kit	8 Years and Up		Participants will learn how to identify 10 different crops and more.
Cross-country Skiing Clinic	4th Grade and Up	1 - 4 hrs.	Participants will learn about cross-country ski equipment, helpful recovery techniques and the kick and glide method. Participants can either use the FCCB's equipment for a \$1.00 fee or bring their own equipment.
Dutton's Cave Park Field Trip	Preschool and Up	1 - 6 hrs.	The park has a limestone cave, shelter house, playground, pit toilets, and a short hiking trail. A field trip to Dutton's can be one where the participants go on a cave hike, where they learn about some of the history of the cave, and see the cave. Participants can learn about spring wildflowers (in the spring), tree identification (Summer or Fall) and much more. Call to set up a field trip.
Earth and Red Worms	Preschool and Up	30 - 45 min.	Participants will discover what both Earth Worms and Red Wiggler worms look like. What some of their body part names are and why they are good for the soil. If available students will get to watch worms at work in a special habitat.
Elliott Mess and The Case of the Household Hazardous Wastes	6th Grade and Up	12:41 Min. Video	This video explores household hazardous waste "suspects" lurking in Iowa home and the environmentally damaging results of their improper disposal.
Elliott Mess and The Case of the Household Hazardous Wastes	6th Grade and Up	30 - 45 min.	This program will include the "Elliott Mess and The Case of the Household Hazardous Wastes" video. The presenter will talk to the participants about the video and help them discover how they can help their families be more responsible in managing their house hold hazardous materials.

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Endangered and Threatened Animals of Iowa	4th Grade and Up	30 min. - 1 hr.	Participants will learn about what special concern, threatened, endangered and extinct mean. They will discover many of the different living things that are on the special concern, threatened and endangered species list in Iowa. They will also discover many different reasons why these living things are on these lists and how they can help keep other living things off.
Endangered Indi	2nd Grade and Up	30 min. - 1 hr.	This power point program is about the Endangered Indiana Bat and will help participants learn more about what endangered and extirpated means. Learn more about Indiana Bats and other endangered species in Iowa.
Environmental Fun and Games	Preschool and Up	20 Min. - 1 Hr.	Participants depending on the age and time allowed will participate in fun and environmental educational games.
Fall Color Walk	All Ages	30 min. - 1 hr.	Participants will go on a fall color hike looking at many of the different colored tree leaves and more. If there is an area with lots of leaves and they can collect them I provide a bag and direct the participant as to what they can collect and put into their bag.
Fayette County Sanitary Landfill	3rd Grade and Up	30 min. - 1 hr.	Power Point talking teaching participants about differ types of landfills. Information and pictures of Fayette Counties Landfill.
First Grade Tree's	1st Grade	1 hr.	This exciting program teaches everyone how to plant and care for a tree. Everyone will also receive a free small seedling to take home and plant. Each school building will be given a six to ten foot tree to be planted in their schoolyard. The Naturalist will present a short program on trees and their importance to us.
Fish Iowa	3rd Grade and Up	1 day or more each session being 30 minutes or longer	Participants will learn about fishing. The unit teaches the history of fishing, what you need to go fishing, how you cast the fishing pole, how to land and clean your fish and more. Any part of this program can be presented. Most schools have the Environmental Education Coordinator come in and teach the kids about the basic fishing rules, how to tie fishing knots, and then how to cast the fishing pole. Then the participants go on a fishing trip with their class to a suitable fishing location. The county has 32 closed face rods and reels that can be used through this program.

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Fishing Casting Practice	1st Grade and Up	30 min. - 1 hr.	Participants will learn how to cast a closed face rod and reel.
Fishing Casting Practice and Knot Tying	5th Grade and Up	1 hr.	Participants will learn how to tie a basic knot used in fishing and how to cast a closed face rod and reel.
Fishing Trip	3rd Grade and Up	1 - 4 hrs. or longer	Participants will get an opportunity to go fishing. There will need to be adult volunteers around one adult to every 4 - 6 kids. The adults must have a current Iowa fishing licenses. The county has 32 closed face rods and reels and basic tackle (hook, sinker, and bobber) that can be used during this fishing trip. Participants must provide their own worms
Fossil	Kindergarten and Up	30 - 45 min.	Participants will discover what a fossil is and how many different types of fossils their are. They will also get to see first hand many different real and replica fossils.
Fossil Molds	Kindergarten and Up	1 hr.	These Rubber Fossil Molds that can be checked out by anyone who would like to make homemade fossils. The person checking out the molds will have to provide their own plaster of pairs or play-do. The Naturalist can also bring the molds into the classroom, do the fossil program and then help the participants make their own fossils.
Frog's	All Ages	30 min.	Participants will learn about a frogs and their life cycle. If the teacher wants and it is the right time of the year a frog hatching kit, containing live tadpoles will be left in the room for the participants to watch turn into frogs.
Fun & Game's Just for KID'S	Preschool and Up	30 min. - 1 hr.	Participants will play many different environmental games that will help them discover how a bat catches his food, what predator and prey animals are and more.
Geocaching 101	3rd Grade and Up	1 hour or longer	This program will introduce participants to Geocaching basic, what it is, how one goes geocaching. If time allows participants will learn to use a basic handheld GPS unit and go on a simple "treasure hunt".
Getting Wild about Turkey	All Ages	30 min. - 1 hr.	Power Point Program that will help participants learn how a wild turkey is different from a domestic turkey. They will learn a lot of fun facts about turkeys and about how many different kinds of wild turkeys there are in Iowa.

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Gilbertson Conservation Education Area Field Trips	Preschool and Up	1 - 6 hrs.	All field trips allow participants to do a variety of different things at the Gilbertson Area. Each field trip is set up according to what the leader/teacher would like the participants to see and do while at Gilbertson. The activities will vary on the amount of time they can spend, the age/grade level(s) and the number of participants. The park is located along the Turkey River and has over 5 miles of hiking trails for hikers, non-motorized bikes, and horseback riders. The park has a campground area with a shelter house, flush toilets with sinks and showers available, and playground. The park is home to a Petting Zoo, the Gilbertson Nature Center, the Mavis & Conner Dummermuth Historical Building, and the Hart Historical House. There is also a fishing pond and a wetland area located within the park. Call to make arrangements for an educationally fun field trip. The Gilbertson Nature Center, Both Historical Buildings and the Petting Zoo are Handicapped Accessible.
Gilbertson Nature Center Tour	All Ages	30 - 45 min.	This is a guided tour of the nature center telling about many of the different animals and more that are found in the building. At the end of the tour participants will get a chance to touch and feel many of the furs, mounts and more. {Flush potties, sinks and a drinking fountain are located in the nature center.} The building is Handicapped Accessible.
Gouldsburg Park Field Trip	Preschool and Up	1 - 6 hrs.	Gouldsburg park is located on the Little Turkey River and Crane Creek, it has a play ground, flush and pit toilets, sinks and showers, a shelter house and hiking trails. Many different types of field trips can be designed and presented at this park. Call to set up an educationally fun field trip.
GPS (Global Positioning System) Basics	4th Grade and Up	30 min. - 1 hour	Participants will learn how to use a handheld GPS and go on a fun exploration with one.
Habitat Lap Sit = Activity	4th Grade and Up	15 - 30 min.	This is a great team building activity. The participant will learn about a balanced habitat by carefully sitting on each others laps in a circle.

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Home Composting Turning Your Spoils To Soil	3rd Grade and Up	17:30 min. Video	This video talks about how easy it is to transform your yard and food wastes into soil enriching compost. Participants will learn how to make "hot" piles, mulch with compost, trouble shoot problems, how to build a low cost bin and more.
Home Composting Turning Your Spoils To Soil Program	3rd Grade and Up	30 - 45 min.	This program will include the "Home Composting Turning Your Spoils To Soil" video. The presenter will talk to the participants about the video, answer any questions, show them first hand what finished compost looks like and more. {This program can be done alone or along with one or more of the other composting programs available as a pre program and/or a post program.}
Home Made Paper - "Slurry Time", Recycled Paper	All Ages	45 min. - 1 hr.	Participants will learn first hand the fundamentals of how old paper is made into new paper. They will get make their own piece of recycled paper that they get to take home. The program covers the shredding, pulping, pressing and drying procedures that produce new paper from old. They will also learn some fun facts about recycled. (Time needed will depend on the size of the group.)
Home Trash Survey	3rd Grade and Up		This can be done as a follow up or before a "Recycling Up Date" or Composting Program. It can be talked about by the teacher or the presenter.
Home Trash Survey Program	3rd Grade and Up	1 hr.	The students do the "Home Trash Survey" before the program bringing the results a day before or the day of the program. The results over all will be talked about. Participants will look at what good things are being done in their homes currently to reduce trash and what good things they could easily be doing to help reduce it even more.
Hunter Safety Class	12 yr. and Up	12 hrs.	Hunter Education Safety Classes are mandatory for everyone born after January 1, 1972. To purchase an Iowa-hunting license you must have a certificate showing you have completed a hunter education course.
Imagine	3rd Grade and Up	30 min.	Participants will take an imaginary journey with water in its solid, liquid, and gaseous forms as it travels around the world.
Insect and Bug Round Up!	Preschool and Up	30 min. - 1 hr.	Participants will get to collect live insects/bugs and look at them up close and personal.

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Insect Metamorphosis	2nd Grade and Up	30 - 45 min.	Participants will learn about Insect Metamorphosis, both three and four phase Metamorphosis. They will discover through pictures and mounted insects how some insects look in their different stages of metamorphosis. (If the teacher wants and it is the right time of the year butterfly grow kits can be left in the room for the participants to watch the caterpillars turn into butterflies.)
Insects and Spiders	Preschool and Up	20 - 30 min.	Participants will discover the characteristics that make an insect and insect and a spider a spider. They will also get to see pictures and real dead insects and spiders.
Iowa Amphibian's	All Ages	30 min. - 1 hr.	Participants will learn through this power point program about Iowa Amphibian's. They will learn about what makes an amphibian an amphibian and more.
Iowa Bat's	2nd Grade and Up	30 - 45 min.	Through this PowerPoint program participants will learn about what makes a bat a bat. What bats live in Iowa and more.
Iowa Frog's	Preschool and Up	30 min.	Through this program participants will learn the basics of what makes a frog a frog. They will learn about the basics of the frog's life cycle. They will get to see pictures and hear the calls of the different frogs that live in Fayette County and Iowa. The Naturalist at the right time of the year can also provide a frog hatching kit, containing tadpoles that will be left in the room for the participants to watch turn into frogs.
Iowa Prairies	4th Grade and Up	1 hr.	Through this power point program learn about Iowa Prairies - a sea of grasses once thought unfit to farm, full of many different types of wildlife. Discover some of this wonderful wildlife as well as many of the different plants that grow in the prairie. Find out why only one kind of tree survived on the prairie and what happened to Iowa's prairie's.
Iowa Snakes	All Ages	30 min.	Participants will learn through a power point program about what makes a snake a snake. They will discover different snakes that live in Iowa and get to feel a real snake's skin. Participants might also get to feel a real live snake.
Iowa Turtles	All Ages	30 min. - 1 hr.	Through this power point program participants will learn about what makes a turtle a turtle. How many different turtles live in Iowa, what they look like, and where you might find one.

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Kindness to Animals - Part 1	Kindergarten and Up	30 min.	A live dog will come into the classroom to help participants discover how to be kind to animals and what to do and not do around animals. This program concentrates on domestic animals. If allowed the Naturalist will bring a dog and / or a cat for the student to learn how to pet and more first hand.
Kindness to Animals - Part 2	1st Grade and Up	30 - 45 min.	This program concentrates on how to be kind to wildlife. Pet care is discussed and then that information applied to wildlife. Participants will find out how wildlife is different from our pets and what special things they need to remember about being around wildlife.
Leaf and Seed Games	3 Years & Up		This kit will help participants practice their leaf identification skills through 8 different games. The game are a Matching Game, Classifying Game, Shape Game, Seed Traveling Game and more.
Leaf Identification Kit	8 Years and Up		This kit will help participant learn how to identify many different plants by their leaves.
Leaves and Seed's Hike	1st Grade and Up	30 min. - 1 hr.	Participants will learn about some of the different trees and plants found in Iowa. The participants will be taken on a hike and along the way they discover the names of many different types of leaves and seeds. Participants will be allowed to collect what they find and if they are told that it is ok on or more of these leaves or seeds. The participants then get to take their collections back to the classroom. The teacher or leader can then do an art project with them or just send them home with the participant.
Less Means More . . . For the Future	Adults	17:07 min. Video	This video illustrates waste reduction accomplishments of Iowa companies, and reviews the pollution prevention principles and free professional services promoted by both the Waste Reduction Assistance Program and the Iowa Waste Reduction Center. It will help you business or industry start to think about creating a waste and toxic waste reduction program and more.
Less Means More . . . For the Future Program	Adults	30 min. - 1 hr.	This program will include the "Less Means More . . . For the Future" video and help from the presenter with setting up a waste reduction program and implementing with your business or industry.

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Life Box	Kindergarten - Up	30 min. - 1 hr.	Participants will learn about what a plant needs to live and help build a life box they will get to take home. All materials but the boxes will be provided by the naturalist. (Teachers or group leaders please save small milk cartons for each participant. make sure the cartons are clean and dry and the top flaps cut off. If cartons are not available 8 oz - 16 oz. paper cups will work)
Life Cycles of Amphibians and Insects	3rd Grade and Up	30 min. - 1 hr.	Participants will see pictures of the different stages of life amphibians and insects go through. Participants will also receive a hand out for their science folder that has pictures of amphibian and insect life cycles. (If the teacher wants and it is the right time of the year a frog hatching kit, containing live tadpoles will be left in the room for the participants to watch turn into frogs. Also if the teacher wants and it is the right time of the year butterfly grow kits can be left in the room for the participants to watch the caterpillars turn into butterflies.)
Lines on the Land	3rd Grade	45 min. - 1 hr.	This program goes along with the Natural Resources Conservation Services Soil Field Day. Participants will find out that there are many lines on the land and that some are good and some are bad. They will discover what lines on the land mean to farming and soil erosion. They will learn what lines on fields
Listening Tree	4th Grade and Up	1 - 2 hrs.	Participants are taken to a wooded area carrying a clipboard, pencil and paper. Upon arriving at the woods, participants are given their instructions; they quickly pick a tree, sit down beside it and introduce themselves to the tree. During the activity the participants are to make a sound map of everything they hear
Lost In The Woods	Preschool - 4th Grade	45 min. - 1 hr.	Participants will see some experiments that will help them understand better why a stocking hat and winter clothing is important. They will also hear a short story called "Lost in the Woods", written by Colleen Politano, ill. by Doug Panhale. The story will help participants learn simple things they can do to survive if they should get lost. A information handout will also be handed out to go home with the students for parents.

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Mavis & Conner Dummermuth Historical Building Guided Tour	Preschool and Up	30 min. - 1 hr.	Participants will discover what many of the different antiques are, how they were used, if they still are used or what their current modern replacement is like. This building is handicapped accessible.
Mavis & Conner Dummermuth Historical Building Scavenger Hunt or Eye Spy Activity	Preschool and Up	30 min. - 1 hr.	This building is full of farm and home antiques. The scavenger hunt is a picture or word based hunt where the participants look through out the building for the different items on their sheet and check them off as they find them. This activity can be done by the teacher, for there is an answer key telling where everything the participants are looking for is located. This building is handicapped accessible.
Meet a Tree Activity	Preschool and Up	30 min. - 1 hr.	Participants will be paired off. One will be blindfolded and the other will carefully lead them to a tree. That person will check their tree out and then be taken back to the start area and asked to find their tree. Then the partners will switch places.
Minerals and Rocks	1st and Up	30 - 45 min.	Participants will learn the basics about minerals and rocks and how they play a role in their everyday life. They will get to see many different examples of minerals and rocks.
Minerals, Rocks and Fossils Traveling Box	1st Grade and Up		This traveling box is used in the Mineral's and Rock's Program. If the teacher wants the participants to have some hands on time with the box after the Minerals and Rocks program they can check it out and use it themselves in the classroom. They are also welcome just to check it out and use it themselves.
Molecules in Motion	3rd Grade and Up	30 min. - 1 hr.	This activity brings water molecules up to size (participant-size!) by physically involving them in simulating molecular movement in each of the water's physical states (solid, liquid, gas).
Native American Story Telling	All Ages	30 min. - 1 hr.	Participants will hear many different Native American Stories from many different tribes found throughout the United States.
Nature Trail Hike Scavenger Hunt	All Ages	30 min. - 1 hr.	Participants will go on a hike and look for different things listed or pictured on a scavenger hunt sheet.

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Night Hike	All Ages	30 min. - 2 hrs.	Participants will go on a night hike with out flashlights. The Naturalist will call owls and other night animals along the way. Participants will also look at the stars if they can see them and if there is time.
Oh Deer! = Game	4th Grade and Up	30 - 45 min.	Participants will become a "deer" and the components of a deer's habitat in a very highly-involving and physical activity.
Orienteering Challenge	4th Grade and Up	2 - 4 hrs. or longer	Participants will be given a map and compass. They will then working as individuals or teams of 2 and up in number they will have to find their way using a map and compass through an orienteering challenge area to different control stations and back to the finish/start line. The difficulty of this challenge will depend on the experience of the participants in using their compasses.
Orienteering Courses	4th Grade and Up	30 min. - 2 hrs.	Participants can take part in one, two, three or four different Orienteering Course. All of these courses will help the participants test and strengthen their orienteering skills.
Orienteering Introduction	4th Grade and Up	1 - 2 hrs. or longer	The base part of this program teaches the participants the parts of a compass, how it works and how to use it. Participants will also get a chance to do some simple orienteering activities. If the participants want more than the basics and there is time more activities are available to help them learn how to use a compass and a map, see "Orienteering with a Map Basics"
Orienteering with a Map Basics	4th Grade and Up	30 min. - 1 hr.	Through this program participants will discover that there are many different types of maps, how to read a simple map, and how to use a simple map and a compass together.
Outdoor Exploration Safety	Preschool and Up	30 min.	Participants will discover the basics of how to be safe when exploring outdoors. They will see first hand what should go into a day exploration kit, what kinds of things they should do before, during and after going exploration outdoors to stay safe. A hand out with lots of great support information will be provided each participant.
Owl Pellets	All Ages	30 min. - 1 hr.	Participants will discover what an owl pellet is and how an owl makes them. They will get to take an owl pellet apart, finding out what is inside using a bone-sorting chart.

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Owl's	Preschool - Kindergarten	30 min.	Participants will learn about some of the basic things that make and Owl and Owl. They will also learn about different Owls that live in Iowa or come to visit.
Owl's of Iowa	2nd Grade and Up	30 min.	Power Point program showing some of the basic facts and information that make and owl and owl. Also information about different Owls that live in Iowa or come to visit.
Petting Zoo Visit	All Ages	15 - 30 min.	Participants will get a chance to, touch and hold many different farm and domestic animals.
Pill Bugs and Sow Bugs	Kindergarten and Up	30 - 45 min.	Participants will discover what pill bugs and sow bugs look like. They will find out what Pill and Sow bugs do for a living and if the teacher will allow and resources are available the students will get to watch the bugs at work in a special habitat.
Pioneer	2nd Grade and Up	30 min. - 1 hr.	Participants will discover many of the different tools and supplies that the pioneers brought with them to Iowa. They will find out how these items helped early settlers in their everyday lives survive in this new land.
Poisonous Plants In Iowa	3rd Grade and Up	30 - 45 min.	Power Point program showing participants many of the different poisonous Plants found in Fayette County. They will learn how they are poisons and what to do if you come in contact with such a plant.
Pond Study	3rd Grade and Up	1 - 4 hrs.	Participants will discover, through hands on collecting what critters are in and around a pond. They will look at food chains and webs found in and around a pond. There will need to be adult volunteers around one adult to every 4 - 6 kids.
Quick Frozen Critters Game	4th Grade and Up	30 - 45 min.	Participants play an active version of "freeze tag" to help them learn about predator and prey animals.
Rain Forest Rap	All Ages	6:26 min. Video	This is a great video that talks about the vanishing rainforest.
Recycle Rachel	6th - 12th Grade	8:20 min. Video	This video takes the waste reduction and recycling theme into the everyday life of an Iowa teenager. This upbeat video demonstrates the power one person can have on our environment.

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Recycle Rachel Program	6th - 12th Grade	30 min. - 1 hr.	This program will include the "Recycle Rachel" video. The presenter will talk to participants about the video, about what materials can be recycled in Fayette County and more.
Recycling Center Tour	Preschool and Up	30 min. - 1 hr.	Participants will get to see first hand where the recyclable they put in the recycling roll-offs goes and what happens to it once it get to the recycling center. {You will have to contact the Recycling Center directly to set up this program. Please call 563-422-3712.}
Recycling Goes to the Birds	Preschool and Up	30 min. - 1 hr.	Participants will discover how using their imagination can help them make bird feeders from everyday recyclable items found around their home. They will also find out what birds might eat from their homemade feeders. (If more time is available participants could make homemade feeders.)
Recycling Up Date	Preschool and Up	30 - 45 min.	Participants will learn what materials can be recycled in Fayette County and how they need to be prepared to be acceptable at Fayette County Recycling Center. Participants will also discover some of the many different products that are produced out of these recycled materials.
Reduce, Reuse, Recycle	Post secondary audiences	9:12 min. Video	This video looks at practical and simple methods of reducing and recycling waste. It also encourages consumers to "close the loop" by purchasing products and packaging made with recycled materials.
Reduce, Reuse, Recycle Program	Post secondary audiences	30 min. - 1 hr.	This program will include the "Recycle, Reuse, Recycle" video. The presenter will talk to the participants about the video, about simple things they can do to reduce and recycle their waste as well as ways to "close the loop".
Reptiles	1st Grade and Up	30 min.	Participants will learn about many of the different reptiles that live in Iowa. They will get to see and touch some real shells and skins. Participants may even be able to touch a live turtle and snake.
Sarah's Tree	Kindergarten - 5th Grade	10:47 min. Video	This video looks at where garbage goes and what it mean's to throw something away and introduces the concepts of recycling.

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Sarah's Tree Program	Kindergarten - 5th Grade	30 - 45 min.	This program will include the "Sarah's Tree" video. The presenter will talk to the participants about the video and help them discover why reducing their garbage is important. They will also discover how simple it is to recycle materials in Fayette County.
Seed Identification Kit	8 Years and Up		This kit will help participant learn how to identify many different plants by their seeds.
Shelters Just in Case	1st Grade and Up	1 hr.	This program allows participants to make shelters with food to see how well they can build a survival shelter. They will also learn about many different types of shelters they could build if they needed to survive.
Silent Killers of the Night, Owl's	1st Grade and Up	30 min. - 1 hr.	Participants will learn thought this power point program why owls are such good silent killers of the night. They will also discover what owls can be seen and heard in Fayette County.
Simple Tree Identification	Preschool - Kindergarten	30 min. - 45 min.	Participants will learn how to identify many of the trees around them by looking at the leaf shape, leaf texture and more. They will get to collect leaves as the Naturalist directs them to and put them into a bag to take back to the classroom for a teacher guided activity or home for a parent guided activity.
Snakes	Kindergarten and Up	30 min.	Participants will learn about what makes a snake a snake. They will discover different snakes that live in Iowa and get to feel real snake skin. Participants might also get to feel a real live snake.
Spiders	Preschool and Up	30 min.	Participants will learn about what makes a spider a spider. Many spider pictures and more will be shared.
Spring Wildflowers	2nd Grade and Up	30 - 45 min.	Power Point program showing participants many of the different wildflowers found blooming in the Spring in Fayette County. They will also learn their value was to the Pioneers and Native Americans. Participants will receive a Fayette County Conservation Board "spring wildflower guide" that will help them identify and learn about the currently blooming spring wildflowers.
Spring Wildflowers and More	All Ages	45 min. - 1 hr.	Power point program showing many different wildflowers found booming though out the year in Fayette County. Participants will also learn some of the value these plants had to pioneers and Native Americans.

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Squirrel Tag = Game	Kindergarten and Up	30 - 45 min.	Participants play an active game of predator/prey tag where some of them are squirrels and some are fox. Helps teach the participants about a balance between predator and prey.
Starter Fire Building	3rd Grade and Up	1 hr.	This program teaches the participants the basic materials and steps needed to build a survival fire and light it without using a match.
Summer Song Birds	All Ages	30 min. - 1 hr.	Songbirds are everywhere, but who says what? Discover through this power point program, the use of a BirdSong Identifier and live demonstrations, which many of the different birds in Iowa look like and sound like.
Tails	Preschool and Up	30 min.	This program is based around a story called Tails. It is a counting story that has many different animal tails in it. I read the story and I also bring different animal tails with me for the participants to see and feel.
The Garbage Monster	All Ages	30 - 45 min.	Power Point program on a book called the Garbage Monster. The program helps partisans learn about how garbage can "become a monster" but how they as the girl in the story can learn you can tame the monster. How? She realizes that the monster really is not a monster it is recyclable stuff, reusable stuff and more.
The Life Box	Kindergarten and Up	30 - 45 min.	Participants will discover through this fun activity the four basic things that are needed to sustain life for a plant: Soil, Sunlight, Air and Water. Participants will get to build first hand a life box or cup in which they will get to see if all goes well new plant life start to grow from seeds.
The Plight of the Freshwater Mussel: Canaries of the Deep	5th Grade and Up	12:22 min Video or DVD	This video talks about Freshwater Mussels, their role in Iowa's waters, what is happening too them and what is being done to help them out.
The Thunderstorm	Kindergarten and Up	30 min. - 1 hr.	Participants will simulate the sounds of a rain/thunderstorm through this aerobic activity.
Thelman Wildlife Area Field Trip	All Ages	1 - 6 hrs.	This three hundred and ten acre area features native grass plantings, a wetland, timbered area and crop ground to explore and learn from. It is located just off State Hwy 18 on State Road 193. (No bathrooms or running water.) Call to set up a field trip.

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Tommy's Camping Adventure	Preschool and Up	30 - 45 min.	This program is based around a story called Tommy's Camping Adventure. It is a story about a Tommy who goes camping with his family and only wants on thing a camp job. Participants will discover how Tommy finds his camp job. They will also learn some basic safety of what to do and not to do when camping or exploring. End the end if there is time and space participants can go on an adventure too.
Treasure Hunting 101	4th Grade and Up	1 hour	Participants will learn about the basics GPS (Global Positioning System), how it helps one find where they are located or where they want to go, and how the system is used to go Geocaching. Participants will also learn how to use a handheld GPS and go on a treasure hunt.
Tree Identification Kit	8 Years and Up		This kit will help participants identify many different trees by their leaves.
Tree Identification Program	3rd Grade and Up	1 - 2 hrs.	Participants go on a hike looking at and learning how identifying trees using the Iowa DNR hand out and a Golden Guide to Trees.
Tree Leaves and Seeds	Preschool - 2nd Grade	30 - 45 min.	Participants will learn about some of the different tree leaves and seeds they might see in Iowa. They will then get to play a matching game. A simple Tree Leaf and Seeds identification packet is provided for each participant.
Tropical Rainforest's, the Iowa Connection	3rd Grade and Up	30 min. - 1 hr.	Discover where Tropical Rainforest's are located, what some of the life is that can be found in the layers of life and how the forest is important to us here in Iowa.
Turtles	Kindergarten and Up	30 min.	Participants will learn about what makes a turtle a turtle. They will discover different turtles that live in Iowa and get to feel a real turtle shell. Participants might also get to feel a real live turtle.
Turtles and Snakes	All Ages	30 - 45 min.	This program will help participants better appreciate some of the un-huggable and un-touchable reptiles that live in and around Iowa. Participants will learn what makes a snake a snake and a turtle a turtle. They will get to touch real turtle shells and snake skin. Participants may even be able to touch a live turtle and snake.
Twig Identification Kit	8 Years and Up		This kit will help participants learn how to identify many different trees by their twigs.

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UN-Nature Trail	Kindergarten and Up	30 min. - 1 hr.	Along this hike participants will see how ugly things can get when people leave behind un-natural things in nature. This program helps participants realize why it is important to recycle and/or throw away their trash.
Volga Lake Recreation Area Field Trip	Preschool and Up	1 - 6 hrs.	This State park is a great place to have a field trip. The park has miles of hiking trails, diverse habitats and a lake to explore, fish in or canoe on. (Pit Toilets, no water) Call to set up a field trip.
Waste Management in Fayette County	3rd Grade and Up	1 hour	Participants will see first hand through this PowerPoint program the Fayette County Waste Management Program. They will get to see pictures of the landfill, trash going into the landfill, and where recyclable products go at the landfill. They will also go on a tour of the Fayette County Recycling Facility and see how it all works when the recyclable products come to the facility.
Watch for Walking Sticks	Kindergarten and Up	30 min.	Participants will go on a hike looking for homemade walking stick. This is great activity to help them learn about camouflage.
Water Cycle Models	3rd Grade and Up	45 min. - 1 hr.	Participants will discover in basic ways how the water cycle works and see it work up close and personal. An actual cloud will be made in the classroom by the naturalist.
Water Pollution/Filters	2nd Grade and Up	30 min. - 1 hr.	Participants will discover different sources of water pollution. Take about how that pollution could be prevents or lessened. Then they will get to make a home made water cleaning filter and try and clean up some dirty water.
Water Safety	6th Grade and Up	1 - 6 hrs.	Participants will learn about the basic life jacket safety, canoe parts, basic equipment needed to go canoeing and the basics of how load and unload a canoe safely and more.
Wetland Metaphors	Kindergarten and Up	30 min. - 1 hr.	Participants will discover the basic characteristics of a wetland and their importance to wildlife and people. In this program everyday objects such as a sponge is used to describe what a wetland is like.
What Animal Am I? = Game	1st Grade and Up	15 - 30 min.	Participants will have a creature close pinned to their back and they will have to go around to others who have picture on their back and ask a yes or no question to help them find out "What Animal" they are.

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Where's the Rock?	All Ages	30 min - 1 Hr.	Participants will discover "Where's the Rock?" in common everyday things they and their families shop for at the store. They will get to see different household products that have minerals in them and many if the different mineral in their rock form.
Who's your parent? Who's your baby?	Preschool - Kindergarten	30 min.	Participants will play a matching game where half will be a parent animal and the other half will be the baby. One time the parents will have to find their baby and the other the baby find their parents. The game helps kids learn what different animals look like both as adults and babies.
Wild About Turkey	All Ages	30 min - 1 Hr.	Power Point program packed with fun facts and funnies about Turkey's!
Wildflower Hike	All Ages	1 - 2 hrs.	Nature every year paints on outstanding display of colors in the spring. So why not put on your sturdy walking shoes and join the Naturalist on a look at the Wonderful World of Wildflowers. Participants will receive a Fayette County Conservation Board "flower guide" that will help identify and learn about the currently blooming spring wildflowers and their value to early Americans.
Wildflower Slide Show	4th Grade and Up	1 hr.	Participants will discover what many of the different spring wildflowers look like and what their value was to the Pioneers and Native Americans. Participants will receive a Fayette County Conservation Board "spring wildflower guide" that will help them identify and learn about the currently blooming spring wildflowers.
Wildflowers and More	2nd Grade and Up	30 - 45 min.	Power Point program showing participants many of the different wildflowers found blooming in Fayette County. They will also learn their value was to the Pioneers and Native Americans. Participants will receive a Fayette County Conservation Board "spring wildflower guide" and "Poisonous Plant guide".
Wildwood Nature Center Tour	Preschool and Up	1 - 6 hrs.	This site has a small display room with many different animals of Fayette County. There are also live animals to see living outdoors. (flush toilets, water, sinks) Call to set up a field trip.

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Winged Mammals of the Night, Iowa Bats	2nd Grade and Up	30 - 45 min.	Power Point Program that will help participants learn more about bats. Lots of fun facts vs. myths and information on what Bats live in Iowa.
Winter Survival Outing	3rd Grade and Up	4 - 6 hrs.	On this day, participants divide into groups, with one or two adult(s) per group. They are then taken to a wooded area where they must survive for the day. That day participants bring certain items in a survival kit. On site they must choose a location in the woods, build and maintain a fire, and build a survival shelter. There will need to be adult volunteers around one adult to every 4 - 6 kids.
Winter Survival Preparation Class	3rd Grade and Up	1 hr.	The survival activity involves a simulated plane crash in an isolated area with cold temperatures. Once they do the activity, the answers are gone over and the participants are presented with many different things they can do or use to survive. Participants will receive handouts with additional information about how to make survival and about what to do if they become stranded or lost. An informational handout is also available on survival kits participants can put together with their families for the family vehicle.
Winter Tree Identification Kit	8 Years and Up		This kit will help participants learn how to identify many different trees by their twigs in the winter time.
Worm Column Composting	Kindergarten and Up	30 min. - 1 hr.	Participants will learn about red wiggler worms and what types of waste they eat. They will get to make or see made first hand a worm composting column. Then if the teacher would like the worm column(s) can stay in the classroom and the participants can watch the worms go to work composting food waste. Participants will also learn what they can do with the finished composted materials from the worm column.
Worm Composting	3rd Grade and Up	30 min. - 1 hr.	Participants will learn about red wiggler worms and what types of waste they eat. They will get to make or see made first hand a worm composting bin. Then if then if the teacher would like the worm bin can stay in the classroom and the participants can watch the worms go to work composting food waste. Participants will also learn what they can do with the finished composted materials from the worm bin.

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Wormania!	8 Years and Up	26:10 min. Video	This video features close-up scenes of live earthworms in their natural habitat. See a night crawler drag a leaf, the rhythmic beating of a worms five pairs of hearts, a baby worm hatching, worms at work composting, and more.
Wormania! Program	8 Years and Up	1 hr.	This program will include the "Wormania!" video. The presenter will talk to the participants about the video and then help the participants put together either a worm composting habitat(s) or a worm watching habitat that they can take care of and watch worms at work first hand in their classroom.