

## Wolf Cub

Time	Program	Overview	Badge	Requirement covered
10, 12	Bluebird Trail	Learn about bluebirds and their allies and enemies	Birds	D. Point out different kinds of birds
10, 12, 2	Forest Discovery Trail	Learn pinelands plants, trees, and animals	Outdoor Adventure	G. Point out poisonous plants
12, 2	River Critters	Determine the water quality of the Toms River by looking at insects	Your Living World	B. Discuss how water and land can get dirty
11, 1	Wildlife Habitats	Learn about different bird and wildlife species and their homes, food sources, and survival methods	Sharing Your World with Wildlife	D. Visit a Nature Center E. Name one extinct and one endangered animal

## Bear Cub

Time	Program	Overview	Badge	Requirement covered
11, 1	Wildlife Habitats	Learn about different bird and wildlife species and their homes, food sources, and survival methods	Sharing Your World with Wildlife	D. Visit a Nature Center E. Name one extinct and one endangered animal
All Day	Fire in the Pines	Meet NJ Forest Firefighters and learn about the susceptibility of the Pinelands to wildfire.	Water and Soil Conservation	C. Visit a burned forest
11, 1	Tree Identification Hike	Discover trees through creative hands-on activities	Maps	A. Look up your state on a map B. Find your city
All Day	Building Birdhouses	Assemble your own birdhouse	Sharing Your World with Wildlife	B. Build a birdhouse
12, 2	River Critters	Determine the water quality of the Toms River by looking at insects	Water & Soil Conservation	E. Name four kinds of water pollution
All Day	Get the Dirt on Soil	Learn about different soil types and soil conservation	Water & Soil Conservation	E. Name four kinds of water pollution

## Webelo

Time	Program	Overview	Badge	Requirement covered
All Day	Sawmill Demo Forest Products	Meet NJ Foresters and see them saw a log into lumber. Learn about wood uses	Forester	7. Collect three kinds of wood and tell how they might be used
All Day	Fire in the Pines	Learn how susceptible the Pinelands is to wildfire	Forester	9. Describe the benefits and harm of wildfires
			Outdoorsman	7. Discuss outdoor fire safety
11, 1	Wildlife Habitats	Learn about different bird and wildlife species and their homes, food sources, and survival methods	Forester	4. Identify six plants and wildlife values
			Naturalist	10. Identify a plant, bird, or animal found only in NJ
11, 1	Tree Identification Hike	Take a hike in the forest and learn to identify native and non-native tree species	Forester	3. Identify six trees and their uses
All Day	Maple Sugaring	Learn to boil maple sap into syrup	Forester	6. Identify six trees and their uses
10, 12, 2	Forest Discovery Trail	Learn pinelands plants, trees, and animals	Forester	3. Identify six trees and their uses 4. Identify six plants and wildlife values
			Naturalist	7. Identify poisonous plants
12, 2	Sensory Awareness Trail	Use your senses to see the forest in a different way	Forester	3. Identify six trees and their uses 4. Identify six plants and wildlife values
			Naturalist	9. Learn the food chain and how humans affect the balance of nature
10, 12	Bluebird Trail	Learn about bluebirds and their allies and enemies	Naturalist	4. Visit a nature center 5. Watch birds 6. Learn bird flyways
11, 1	Swamp Life Trail	Discover wetlands plants and animals	Naturalist	11. Learn about aquatic ecosystems and wetlands

## Boy Scout

Time	Program	Overview	Badge	Requirement covered
11, 1	Wildlife Habitats	Learn about different bird and wildlife species and their homes, food sources, and survival methods	Environmental Science	3e. Endangered species
			Nature	1. Importance of plants to animals 2. Importance of animals to plants
All Day	Fire in the Pines	Meet NJ Forest Firefighters and learn about the susceptibility of the Pinelands to wildfire.	Environmental Science	6. Environmental Science Careers
			Forestry	5c. Forest Fire prevention 6c. Learn what the Forest Fire Service does
			Fire Safety	2. Explain the chemistry and physics of fire. 4a. Explain human behavior and arson 4b. List causes of seasonal fires
All Day	Sawmill Demo and Forest Products	Meet NJ Foresters and see them saw a log into lumber. Learn about wood uses	Environmental Science	6. Environmental Science Careers
			Forestry	2. Collect and identify wood samples 3. Describe forest contributions 7. Interview a forester
			Woodwork	2. Learn about lumber, collect samples
12, 2	River Critters	Determine the water quality of the Toms River by looking at insects	Science	3c. Water pollution 3f. Pollution prevention
			Soil and Water Conservation	4. Learn about watersheds 6. Learn about water pollution
			Soil and Water Conservation	1. Learn about soil 2. Learn about soil erosion 5. Learn about the hydrologic cycle
			Nature	4h. Identify soils
11, 1	Tree Identification Hike	Take a hike in the forest and learn to identify native and non-native tree species	Forestry	1. Identify 15 trees
			Plant Science	7c3. How to use an ID key 7c6a. Identify trees in a park
10, 12, 2	Forest Discovery Trail	Learn pinelands plants, trees, and animals	Forestry	1. Identify 15 trees
12, 2	Sensory Awareness	Use your senses to see the forest in a different way	Forestry	1. Identify 15 trees
All Day	The Buzz About Honey	See active hives and learn how bees make honey, why they sting, and the different bees in the hive	Insect Study	9. Observe a beehive
10, 11, 12	Greenhouse	See trees grown from seed	Plant Science	5. List 10 native plants, 10 cultivated
10, 12	Bluebird Trail	Learn about bluebirds and their allies and enemies	Nature	4a. Identify eight species of birds

## Brownie

Time	Program	Overview	Badge	Requirement covered
11, 1	Wildlife Habitats	Learn about different bird and wildlife species and their homes, food sources, and survival methods	Animals	2. Understanding animals 5. Sound charades
			Eco Explorer	1.Exploring nature 6. What's a habitat
			Watching Wildlife	1. Animal architects 2. Animal talk 3. A new wardrobe
12, 2	Sensory Awareness	Use your senses to see the forest in a different way	Outdoor Fun	3. Ecology hunt 4. Touch, smell, and listen
			Outdoor Adventurer	5. Touch, smell, listen
			Senses	5. Only the nose knows
11, 1	Tree Identification Hike	Discover trees through creative hands-on activities	Plants	2. Plant rubbings 4. Leaf hunt
			Outdoor Fun	5. Rubbings
10, 12	Bluebird Trail	Learn about bluebirds and their allies and enemies	Earth & Sky	5. Creatures of the air

## Junior

Time	Program	Overview	Badge	Requirement covered
12	Nest Box Trail	A hike to nest boxes to see different birds	Wildlife	8. Animal Watcher
10, 12	Bluebird Trail	Learn about bluebirds and their allies and enemies	Wildlife	8. Animal Watcher
10, 12, 2	Forest Discovery Trail	Learn pinelands plants, trees, and animals	Wildlife	5. Touch me not
11, 1	Tree Identification Hike	Discover trees through creative hands-on activities	Outdoor Creativity	1. Many ways to be creative
12, 2	River Critters	Determine the water quality of the Toms River by looking at insects	Science Discovery	8. Environmental Observer
			Environmental Health	3. Water Water Everywhere
			Water Wonders	1. It's in a cycle
11, 1	Wildlife Habitats	Learn about different bird and wildlife species and their homes, food sources, and survival methods	Earth Connections	7. Adapt or Perish
			Humans & Habitats	3. Water water everywhere
			Wildlife	1. It's in a Cycle
11, 1	Tree Identification Hike	Take a hike in the forest and learn to identify native and non-native tree species	Earth Connections	3. Identify that tree
			Science in Every day life	10. They key, please!
All Day	Forest Pest Invaders	Learn about insects that affect our tree resources	Plants and Animals	9. What a pest!

## Senior/Cadette

Time	Program	Overview	Badge	Requirement covered
11, 1	Wildlife Habitats	Learn about different bird and wildlife species and their homes, food sources, and survival methods	All About Birds	Skill Builders 1, 3
			Wildlife	Skill Builders 3
All Day	Composting Made Easy	Exhibit and demonstration of composting methods	Eco-Action	Skill Builders 1
10, 2	Sensory Awareness	Use your senses to see the forest in a different way	Plant Life	Career Exploration 2
11, 1	Tree Identification Hike	Take a hike in the forest and learn to identify native and non-native tree species	Wildlife	Skill Builders 2
12, 2	River Critters	Determine the water quality of the Toms River by looking at insects	Eco-Action	Skill Builders 1, 2, 5