

Beaver Brook 2019 Summer Camp Course Descriptions

Grade refers to that your child is entering in the **Fall 2019**

Two Classroom Locations:

Maple Hill Farm
117 Ridge Road
Hollis, NH 03049

Brown Lane Barn
52 Brown Lane
Hollis, NH 03049



4 year olds and Kindergarten:

Forest Friends with Becky Kellner

Cost: \$165/members \$149

Campers will meet some of our resident wildlife and learn interesting facts about the forest and the creatures who live there. The week will consist of artistic exploration, investigative hikes, games and songs designed to introduce nature's beautiful gifts to young campers. We will teach the importance and preservation of nature and show how even our youngest friends can help make a difference. We will explore a different trail each day as we discover the beauty, peace and wonders of the woods in our own backyard.

Grades: 4 year olds and Kindergarten

Requirement: Children must be four years old at the start of class, able to separate from his/her parent, and be completely toilet trained.

Dates: June 24 - 28 M-F: 9am-12pm

Location: Maple Hill Farm

Nature Explorers with Abby Zimmerman

Cost: \$165/members \$149

Students will learn to sharpen their observation skills while hiking Beaver Brook's trails, meet some of our resident wildlife, and learn interesting facts. The week will consist of artistic exploration, investigative hikes, and games designed to introduce nature's beautiful gifts to young explorers. We will teach the importance of nature and show how even our youngest explorers can help make a difference. On a different trail each day, we will discover the beauty, peace and wonders of the woodlands.

Grades: 4 year olds and Kindergarten

Requirement: Children must be four years old at the start of class, able to separate from his/her parent, and be completely toilet trained.

Dates: July 8 - 12 M-F: 9am-12pm

Location: Maple Hill Farm

Nature Trails with Sofia Fahsi

Cost: \$165/members \$149

Students will discover the beauty, peace and wonders of the woodlands by exploring different trails and natural spaces each day. Students will enjoy games, stories and crafts related to ponds, plants, worms, birds, bees and the mammals of beautiful Beaver Brook.

Grades: 4 year olds and Kindergarten

Requirement: Children must be four years old at the start of class, able to separate from his/her parent, and be completely toilet trained.

Dates: July 15 - 19 M-F: 9am-12pm

Location: Maple Hill Farm

Earth Sprouts with Virginia Commisso**Cost: \$165/members \$149**

Children develop a self-awareness and a sense of belonging by playing and learning outdoors. We will explore Beaver Brook through activities, games, songs and crafts that celebrate the natural world around us. We will deepen the use of our senses with focusing skills and calming body awareness movements. Earth Sprouts will grow their awareness of and gratitude for the wonders surrounding them!

Grades: 4 year olds and Kindergarten**Requirement: Children must be four years old at the start of class, able to separate from his/her parent, and be completely toilet trained.****Dates:** July 22 - 26 M-F: 9am-12pm**Location:** Maple Hill Farm**Knee-high Naturalists** with Dennis Kane**Cost: \$165/members \$149**

Get ready for a week of summer fun for our youngest naturalists. We will explore the fields, wetlands, and woodlands surrounding Beaver Brook in search of animals and other natural discoveries. Our mornings will be filled with songs, stories, and games as we enjoy nature's offerings.

Grades: 4 year olds and Kindergarten**Requirement: Children must be four years old at the start of class, able to separate from his/her parent, and be completely toilet trained.****Dates:** July 29 - August 2 M-F: 9am-12pm**Location:** Maple Hill Farm**Super Heroes of Nature** with Cat Kolar**Cost: \$165/members \$149**

Who can leap over an eight-foot fence? Who can hear a mouse 1/2 mile away? Who can fly more than 100 miles per hour? Many species of New England Wildlife have fascinating abilities. We will build our science vocabularies and use hands-on exploration to learn about the superpowers of a different local animal each day. Come for stories, crafts, short hikes, and outdoor discovery. Be amazed at what you will learn about our local superheroes!

Grades: 4 year olds and Kindergarten**Requirement: Children must be four years old at the start of class, able to separate from his/her parent, and be completely toilet trained.****Dates:** August 5 - 9 M-F: 9am-12pm**Location:** Maple Hill Farm**1st and 2nd Grade:****Farmyard Fun** with Winnie Crouse & Cathy Ingram**Cost: \$295 / members \$266** *(includes field trip)*

If you had lived at Maple Hill Farm 100 years ago, what might your day have included? Come to our Farmyard Fun class and meet some of the animals that would have been on your farm, have fun experiencing some of the activities of the farm, and learn how each of the animals provides something useful to the family. This week you will pet a chicken, milk a cow, spin some wool, play with baby goats, visit honeybees, and make butter and cheese. We will do many fun farm activities, explore Beaver Brook's trails, and even have time for games and crafts. A special farm field trip will highlight our week.

Grades: 1st and 2nd**Dates:** June 24 - 28 M-F: 9am-3pm**Location:** Maple Hill Farm

Nature Nuts with Angela Craggy**Cost: \$270 / members \$243**

Get nutty and explore. In this class, we will hike some Beaver Brook trails and picnic along the way as we investigate the meadows, woods, streams, and ponds that we find. We will search for animal signs and discover what nature has in store for us - from leaping frogs to butterflies. Through games, crafts, stories, and hands-on activities children will learn about nature and how to have a great time outside. Families receive a special Friday invitation to our Nature Museum - complete with student tour guides sharing the knowledge of all they have enjoyed throughout the week.

Grades: 1st and 2nd**Dates:** July 8 - 12 M-F: 9am-3pm**Location:** Brown Lane Barn**Backyard Fun** with Rosemary Clough**Cost: \$270 / members \$243**

This class incorporates art, music, hiking and storytelling into a rainbow of outdoor adventures. We will play with a variety of yoga postures (tree, mountain, turtle, flower etc.) as well as other activities to energize, strengthen, balance and find ways to be mindful. We will grow during a fun-filled week of unplugged play and learning as we connect each day's discoveries with nature.

Grades: 1st and 2nd**Dates:** July 15 – 19 M-F: 9am-3pm**Location:** Maple Hill Farm**Animals and Their Habitats** with Carol Ritchie**Cost: \$270 / members \$243**

The fields, forests, and waters of Beaver Brook are home to many creatures, great and small. Come explore their habitats. We will look for animal tracks and signs; find bugs and butterflies, and surprise frogs and turtles in the pond.

Grades: 1st and 2nd**Dates:** July 22 - 26 M-F: 9am-3pm**Location:** Maple Hill Farm**Wild Lands and Watering Cans** with Stephanie Jones**Cost: \$270 / member \$243**

Get ready to explore the beautiful Maple Hill gardens and to get your hands in the dirt. Students will learn all about the plants and animals that live in our own backyards and the helpful organisms that make plants grow. We will tend our own Children's Garden at Maple Hill Farm, observe and catch insects, and gather wild berries. We will examine plants from germinating seeds to the beautiful wildflowers to be dried and taken home. Painting, drawing, and playing games will round out the week.

Grades: 1st and 2nd**Dates:** July 29 - August 2 M-F: 9am-3pm**Location:** Maple Hill Farm**Flying Creatures** with Angela Craggy**Cost: \$270 / member \$243** *(includes twilight class)*

Investigate the many winged creatures, past and present. Let's "take to the air" together to explore these winged marvels. During the week, we will design bug containers; create gliders, and make a tangram flying creature. We will explore the habitats throughout Beaver Brook while hiking the trails from meadows to woods and wetlands. On Thursday, a special twilight class will explore the world at dusk - including bats, owls & more.

Grades: 1st and 2nd**Dates:** August 5 - 9 M, T, W, F: 9am-3pm; Th: 4:30-8:30 pm *(Twilight Class)***Location:** Brown Lane Barn

1st, 2nd and 3rd Grade:

Frogs, Toads and Turtles with Anjali Longan

Cost: \$270 / member \$243 (includes twilight class)

What better way to explore summer than to get to know a frog? Learn all about the characteristics of frogs from spring peepers to bullfrogs. Visit the wetland habitats to observe and identify tadpoles. A twilight class on Wednesday will focus on toads and making your own toad house! Hunting for turtles will round out the week with an exploration of the Wildlife Pond. Learn about rare and endangered reptiles and amphibians that live at Beaver Brook.

Grades: 1st, 2nd and 3rd

Dates: June 17 – 21 M, T, TH, F: 9am-3pm; W: 4-8pm (Twilight Class)

Location: Maple Hill Farm

2nd, 3rd and 4th Grade:

Enchanted Forest with Stephanie Jones

Cost: \$270 / member \$243

We all know that the woods are a magical place, filled with interesting plants and animals. While learning about the animals in the woods around us, we will let our imaginations soar to include those little woodland folk that many people hope to see. We will build elf, gnome and fairy houses, create fairy gardens, and chase little elfin boats down the creek. Each day a new hike will find us catching frogs, bugs and butterflies. We will learn to appreciate and enjoy the everyday magic of nature.

Grades: 2nd through 4th

Dates: August 5 - 9 M-F: 9am-3pm

Location: Maple Hill Farm

3rd and 4th Grade:

Farm Fresh with Kathy Parker

Cost: \$295/ member \$266

Learn where your food comes from. Chickens, vegetables, cows and berries: they all grow locally. Learn about all the great products that are locally grown or produced and what a locavore is! Students will enjoy hands-on crafts and cooking activities such as washing, carding, and dyeing wool, making yogurt, bread, jam, and ice cream. We will also enjoy hiking on Beaver Brook trails.

Grades: 3rd and 4th

Dates: June 24 - 28 M-F: 9am-3pm

Location: Maple Hill Farm

NEW! Wizardry in the Woods with Kathy Parker

Cost: \$270 / member \$243

Come explore Beaver Brook as a place where nature is full of wizardry. We know that the woods are a magical place, so let's use them to explore. Get ready to create maps, mazes and directions for hidden treasures, learn some herbology, and possibly create potions such as tea or ginger beer. We will use natural objects to magically do art and learn about wild beasts while charming and taming them. Perhaps we will even spend a day building a wizard's workshop! No need to have read any Harry Potter books (though Harry Potter fans are welcome) to have fun at this camp this summer.

Grades: 3rd and 4th

Dates: July 8 - 12 M-F: 9am-3pm

Location: Maple Hill Farm

Campfire Cooking* with Angela Craggy

Cost: \$270 / member \$243

Join us for a week of cooking outdoors learning and using a different cooking method each day! The Beaver Brook campsite will become our basecamp where the stone fire circle will be our cooking spot. We will learn about fire safety, how to build a fire, and several different cooking techniques such as pie irons and foil packets. Camp cooking options are boundless! Bring your own lunch each day, but be prepared to work up an appetite as we hike the trails and explore the nature around us.

***This program is not suitable for someone with food allergies.**

Grades: 3rd and 4th

Dates: July 15 - 19 M-F: 9am-3pm

Location: Brown Lane Barn

Water Wonders with Angela Craggy

Cost: \$295/ members \$266 (*includes fieldtrip*)

While hiking the trails of Beaver Brook we will visit streams, ponds and wetlands to explore with nets and special “fishing techniques”. We will examine and learn about the tiniest to the largest creatures that live in these aquatic environments. Along the trail, we will enjoy picnics, stories and investigations. Be sure to wear footwear and clothes that can get wet or muddy each day, as we get up close and personal with the water world. This class includes a field trip to Odiorne State Park for tide pooling.

Grades: 3rd and 4th

Dates: July 22 - 26

M, T, Th: F 9am-3pm; W: 9am-5pm (*field trip*)

Location: Brown Lane Barn

Outdoor Explorers with Angela Craggy

Cost: \$270 / member \$243

Get ready for a fun-filled week of exploring the fields, water and woods throughout Beaver Brook. We will set off on adventures through meadows and fields, the vernal pool and Spatterdock Pond. (Did you know that the word Spatterdock means 'pond lily'?) We will have a day of fort building, make a campfire to cook on, and create a special Friday Nature Museum that showcases our week at Beaver Brook. The days will be filled with hiking, games, crafts, and more.

Grades: 3rd and 4th

Dates: July 29 - August 2

M-F: 9am-3pm

Location: Brown Lane Barn

4th, 5th and 6th Grade:

Kids Night OUT! with Tara Happy

Cost: \$270 / member \$243 (*evening camp*)

When other Beaver Brook campers are heading home for the day, our group will be venturing off into the forest for campfires, flashlight games and lots of nighttime exploring! We will count the bats as they wake up, go on firefly hunts, and learn the summer constellations with our telescopes as the sun goes down. You won't want to miss this unique opportunity to explore Beaver Brook after hours . . . And during our daylight hours, we can still enjoy all the traditional summer fun: splashing in ponds, fishing for crayfish, scavenger hunts and more! Pack a dinner, your flashlight and don't forget your sense of adventure!

Grades: 4th through 6th

Dates: July 22 - 26

M-F: 4-9pm *evening program instead of day program*

Location: Maple Hill Farm

5th and 6th Grade:

Base Camp* with Roisin McElroy

Cost: \$405/ \$365 (*includes 2 OVERNIGHTS*)

While spending five days and two nights in the woods, discover and learn some basic outdoor skills: how to use a compass, build a safe and effective campfire, and cook over the campfire we create. This class is designed for the self-reliant young person with a real interest in the outdoors. Campers will unplug and discover the benefits of being immersed in nature. Bring lunch on Monday, Tuesday and Wednesday – all other meals are provided. Participants will receive a complete gear list prior to the start date of the program. All campers must carry their own equipment.

No visitors please.

***This program is not suitable for someone with food allergies.**

Grades: 5th & 6th

Dates: June 24-28

M,T: 9am-3pm, W 9am through Fri 12pm

Location: Brown Lane Barn and Campsite

Lavender to Lip Balm* with Rivka Schwartz**Cost: \$215 / member \$194** (*Four hour camp*)

A class on herbs, wild edibles and challenging your taste buds. Throughout the week, we will spend time in the kitchen creating herbal gummy bears, ginger cookies, herbal marshmallows and more. Herbs will be used to make our own dream pillows, compresses, and of course lip balm! We will indulge in our harvests each day, finishing off the week with an English tea party in the Maple Hill gardens.

***This program is not suitable for someone with food allergies.**

Grades: 5th and 6th**Dates:** July 15 - 19 M-F: 9am-1pm (*note early end time*)**Location:** Maple Hill Farm**Forest Forts** with Katrine Dickau**Cost: \$270 / member \$243**

What could be better than building a fort in the woods? Students will design and build survival shelters and a fort as well as explore the forest, the creeks, and the ponds. Activities include scavenger hunts, tracking, and tree, plant and wildlife identification. Students will learn to walk quietly in the woods and observe more! This week campers will have fun while learning how to respect and enjoy nature safely.

Grades: 5th and 6th**Dates:** July 22 - 26 M-F: 9am-3pm**Location:** Maple Hill Farm-Barn**Summer Scientists with Jen Farquhar****Cost: \$270 / member \$243**

Summer is the perfect time for scientific experiments! Give your child the chance to develop a love for learning *how* and *why* things work - all while being outside and enjoying nature. We will design, build, and float boats, make Oobleck and homemade silly putty, and fling eggs off Egg Rock-without breaking them. When we feel hungry we'll engineer our own solar-powered ovens to cook up a delicious treat! Let's enjoy a memorable week making new friends and learning to love science and nature!

Grades: 5th and 6th**Dates:** July 29 - August 2 M-F: 9am-3pm**Location:** Brown Lane Barn**5th, 6th and 7th Grade:****Rocky Ridge Explorers** with Bruce Fessenden**Cost: \$270 / member \$243** (*includes twilight class*)

This class rocks! Get a close-up look at the rocks that are under your feet, in stonewalls, or come from the mountains of New Hampshire and other parts of the world. Hike along the glacial fault that cuts through Beaver Brook. Each day will include activities and trail adventures that will turn kids into backyard geologists and give them the opportunity to add to their rock collection. A fabulous Wednesday night class will focus on stargazing.

Grades: 5th, through 7th**Dates:** July 8 - 12 M, T, Th, F: 9am-3pm W: 6-10pm (*twilight class*)**Location:** Maple Hill Farm**NEW! Conservation Heroes** with Lindsey Shacklee**Cost: \$270 / member \$243**

Join Lindsey to learn about the impact made by conservation heroes throughout history and learn how we can be the conservation heroes of the present and the future! We will: learn about invasive species and make flower bombs with native plant seeds, learn about the power of solar energy as we make a solar oven, learn about sustainability, and even make our own reuse-able shopping bags. Moreover, because Lindsey knows that the most important activity for becoming a conservationist is spending time outdoor -- you can bet there will be plenty of hiking, games and FUN!

Grades: 5th through 7th**Dates:** August 5 - 9 M-F: 9am-3pm**Location:** Brown Lane Barn

6th and 7th Grade:

NEW! Hunters and Gatherers* with Rivka Schwartz

Cost: \$295 / member \$266 (includes archery)

Campers will move through the woods and fields learning to identify and harvest wild foods. We will cook the foods we have foraged, mix some traditional herbal remedies, and make cordage and other useful items. Games and archery will be part of the week, as well as animal tracking and discovering animal habits. We will explore the garden - appreciating its beauty and using the spices and herbs it contains in our wild concoctions. A professional archery instructor will teach us the basics of using the bow and arrow.

***This program is not suitable for someone with food allergies.**

Grades: 6th and 7th

Dates: July 29 – August 2 M-F: 9am-3pm

Location: Maple Hill Farm

6th, 7th and 8th Grade

Forest S.T.E.M. with Jen Farquhar

Cost: \$270 / member \$243

Let's spend a week outside MAKING! This S.T.E.M. class is for boys and girls who are interested in learning new skills and creating new things. Nobody gets things right the first time. We'll try and try again. With a little instruction and lots of exploration, we will make homemade paper, CO2 rockets, pool noodle airplanes, catapults and more. Can you build a tower out of newspaper that can survive high winds and earthquakes? Have you ever made a boat using *only* natural materials? (What? No tape or string?) Join us for a fun-filled week of exploration!

Grades: 6th through 8th

Dates: June 24 - 28 M-F: 9am-3pm

Location: Maple Hill Farm

Brook to Bay with Bruce Fessenden

Cost: \$360/ member \$324 (includes two fieldtrips)

Each day students will visit different fresh water or ocean habitats for some hands-on exploration. We will collect live organisms for closer study in the field and in the classroom. Two ocean field trips are part of this course. On Wednesday, visit several locations on the New Hampshire seacoast and explore a pebble beach, tide pools, a sunken forest and a fish pier. On Friday, visit historic Gloucester, Massachusetts and see some of the sights before heading out to sea with Cape Ann Whale Watch to look for a variety of whales, dolphins, sea birds and possibly sharks and sea turtles. Family members are welcome to sign up for the Friday Whale Watch too.

Grades: 6th through 8th

Dates: July 22 - 26 M, T, Th: 9am-3pm, W: 9am-5pm, (fieldtrip) F: 9am-7:30pm (fieldtrip)

Location: Maple Hill Farm

Water Adventures by Foot and Canoe with Bruce Fessenden

Cost: \$295/ member \$266 (includes fieldtrip)

Discover the uniqueness of river and stream habitats with Bruce as your guide. Wear your old sneakers and wade the streams with a net to see what lives on the pebbled bottom. Use a minnow trap to catch and study small fish and create a classroom habitat to raise crayfish. The highlight of the week is a flatwater canoe trip on a nearby river. Led by certified instructors from the River Classroom program, the morning begins with the students learning canoe and water safety, paddling techniques and the correct way to get into and out of a boat. Once on the water, a search for wildlife begins. Great Blue Herons, turtles, fish, small invertebrates and amphibians can all be seen in their natural habitat. There is one adult in every canoe with two students.

Grades: 6th through 8th

Dates: August 5 - 9 M-F: 9am-3pm

Location: Maple Hill Farm

7th, 8th and 9th

Intro to Mountain Biking - with Matt Lydon

Cost: \$270 / member \$243

Mountain Biking at Beaver Brook! This camp is designed for those who want **to learn** mountain biking skills. Campers should be comfortable riding their bikes for sustained amounts of time. Students will learn and practice off-road riding skills as well as basic bike mechanics. We will enjoy fun & games in a relaxed non-intimidating setting. The class will start/end at a different trail each day.

Grades: 7th through 9th

Dates: July 8 - 12 M-F: 9am-3pm

Location: Brown Lane Barn

NEW! Redlining Beaver Brook with Erin Kennedy

Cost: \$270 / member \$243

Hike all the trails at Beaver Brook and earn the Redlining Patch! This class is for kids who are up to spending all five days outdoors and hiking approximately 6 miles each of those days. Along the way, we will explore and highlight many features that make Beaver Brook the incredible environment that it is. We will investigate the Old Rattlesnake Den Area, cellar holes, porcupine dens, beaver dams, fields, forests, wetlands and more! Learn what it means to be a prepared and responsible hiker and to enjoy the nature around you respectfully. Sturdy waterproof hiking boots, rain gear and a backpack of food, water and extra clothing will make this week outdoors a great experience.

Grades: 7th through 9th

Dates: July 15 - 19 M-F: 9am-3pm

Location: Brown Lane Barn

Bouldering and Belaying with Tara Happy

Cost: \$290/ \$261 *(3 Full Days and a fieldtrip)*

Do your kids like to climb? Of course they do. Scrambling up large boulders and hopping from rock to rock are all time favorites for most children, so let's spend three days doing just that! Your young climbers will be introduced to bouldering as a form of rock climbing and learn the basics of this dynamic sport in a relaxed, friendly atmosphere. We will spend our first two days hiking Beaver Brook's rockiest of trails and our third day on a field trip to Vertical Dreams. This is an indoor climbing facility in Nashua where we will receive individualized instruction in belaying and climbing on indoor climbing walls. No prior knowledge is necessary, but this camp will be an adventure for novice and experienced climbers alike. Come try it out!

Grades: 7th through 9th

Dates: July 29 - August 2 T-Th: 9am-4pm

Location: Maple Hill Farm