

# **2023 FLANDERS SUMMER CAMP & ACADEMIES PROGRAMS BY WEEK**

## **WEEK 1: JUNE 12 - 16**

### **Creature Capture! - TH**

Be curious scientists and discover the lifecycles of the creatures that we catch and release. We learn about survival challenges of the animals and we find out how we can help them. Explore watery worlds to find frogs, tadpoles or turtles or hike to meadows and forest for the creature of the day discoveries! AGES 3-5

### **Flanders Adventure - SH**

Get some outdoor exercise, learn more about the animals that make up our world and bring science books to life. Every day will be packed with exploring the great outdoors, with stories, games and art projects! AGES 5-9

## **WEEK 2: JUNE 19 - 23**

### **Something's Fishy - TH**

What is living in the pond, marsh and brooks? Watery habitats are filled with wildlife to discover. Art projects connect water conservation challenges as we discover life in the water. AGES 3-5

### **Ecosystem Explorations - SH**

Get ready for daily adventures and dynamic habitat discoveries in the water, forest and fields. Explore the brooks and ponds for aquatic journeys and look for tracks in the woods and meadow to discover the living and non-living parts within an environment and the interactions between those parts. AGES 5-9

### **Jump for Joy! - NB**

Hurray, its summer time! Let's get moving and explore our campus by catching jumping creatures in the pond and leaping insects in the meadow. Follow bouncing tracks in the woods, play Eagle-Eyes and discover animal adaptations in the fields, forest and pond! Hayrides, stories, art, crafts and games create a new exciting outdoor adventure every day. AGES 5-9

### **Animal Art - S**

Animals are everywhere to draw and paint in creative ways. Learn drawing skills and painting techniques to create realistic details of feathers, fur and scales. Make a paint brush from animal fur and try animal footprint art. Catch and release creatures for daily observations of close up details that inspire amazing works of art! AGES 5-9

### **Cooking Gone to the Dogs! - VV**

Spend a week cooking for "man's best friend." Mixing and measuring are just part of the fun in the kitchen as we prepare K-9 cupcakes, bark worthy bones and tasty treats for our pets. Don't have a dog? No worry, we will donate to a local pet shelter! AGES 7-10

### **Life to Forest - VS**

Tree-mendous exploring invites campers to understand diversity of life in the forest. Capture and release creatures for close up observations, place trail cameras to capture wildlife in action. Enjoy daily challenges, scavenger hunts and games all designed to understand the complex dynamics of a forest ecosystem from the smallest insect to the oldest tree. AGES 10-13

## **FLANDERS ADVENTURE ACADEMY**

### **Survival Academy – SB**

FULL DAY, 1-WEEK ACADEMY

Get ready for an exciting adventure in the wild. Learn basic survival skills, including fire-starting techniques, how to construct shelters, and how to safely traverse various landscapes. As well as learn how to use a map, a compass and practice knife skills, campfire cooking and first aid. Additionally, they will learn the history of archery and shoot for a bull's eye during target practice. We offer daily challenges, survival scenarios and scavenger hunts to encourage teamwork and develop resilience. Be prepared for the adventure of a lifetime! AGES 8-10

## **WEEK 3: JUNE 26 - 30**

### **Science Investigations - TH**

Young scientists will be mixing and measuring to create weird, wacky and wonderful science experiments. Watching reactions, collecting data and practicing laboratory skills are all part of being a scientist for a week! AGES 3-5

### **Habitat Investigations - SH**

Explore our trails to discover something remarkable is all around us. Hike to the pond, forest, meadow and farm to find insects, birds, amphibians, reptiles and fish. Curious creatures, bizarre birds and mysterious mammals are all part of an awesome week learning about survival strategies in the wildest of spaces. AGES 5-9

### **Animals in Agriculture - NB**

Let's play with the baby goats, hold newborn chicks and baby bunnies! Why are the donkeys 'ears so long, why did it bray so loud and why does it live with the sheep? Learn facts and fiction about all the amazing farm animals as you do the daily chores, help feed, brush and care for them to discover interesting and unique characteristics. AGES 5-9

### **Fairy Houses and Magical Creations - S**

Let your imagination sparkle in the magical world of fairies, unicorns, wizards and trolls. Collect natural materials to build enchanting houses with clay, sticks and stones. Hike the trails creating whimsical wizard wands, sparkling treasure rocks and mystical beast creations! AGES 5-9

### **Best Breakfast - VV**

Stop by the hen house to pick up some fresh eggs to get creative with the morning meal. Enjoy choosing Flanders' maple syrup or farm fresh fruits to top off those pancakes and waffles. Mix and measure for muffins or chop and roll your way to a sunny side up day! AGES 7-10

### **Frog Hunt - VS**

Marsh, pond and brook create watery worlds filled with amphibian discoveries. Grab a net and bucket to capture and release a variety of aquatic insects, reptiles and fish to examine predator prey relationships and understand adaptations to life in the water. AGES 10-13

## **FLANDERS ADVENTURE ACADEMY**

### **Young Anglers – SB**

#### **FULL DAY, 1-WEEK ACADEMY**

It's more than fishing! This academy introduces the basics of fishing along with the importance of learning to conserve, protect, and enhance fish, wildlife, and their habitats. Instruction will include learning to cast, identifying your catch, selecting bait, and how to tie a variety of knots. Additionally, students participate in fun demonstrations and hand-on activities while becoming knowledgeable and skilled anglers. Catfish, Perch, Large and Small Mouth Bass and Pickerel are all local freshwater fish that live in our ponds and marsh. Educated anglers have a better understanding of our resources and the role we play. AGES 8-10

## **WEEK 4: JULY 5 - 7 (NO CLASS JULY 3 &4)**

### **Survive in the Wild - TH**

Make a shelter in the forest and pretend it's our new home. What animals live around us? Let's go tracking to find out. Discover how animals find food, shelter and water to survive. AGES 3-5

### **Wild Animals - SH**

Explore forest, wetland, fields and farm to discover some of our favorite places. Catch frogs in the pond, insects in the meadow and fish in the brook. Play games that sharpen your observation skills, go on scavenger hunts, try tracking and nature investigations. AGES 5-9

### **Anything Oviparous - NB**

You will have an egg-cellent time learning about things that hatch from eggs! Birds, amphibians, reptiles, fish and insects are all part of a week filled with remarkable animal discoveries! Baby ducks, geese and chickens are at the farm but what is hatching from an egg in the pond, fields or forest? AGES 5-9

### **Fiber Art - S**

Let's make masterpieces with wool, cotton and recycled fabric. Use fabric to create collages, patchwork wall hangings and found object weavings with yarn, twine and string are just some of the possibilities when creating art with textiles. AGES 5-9

### **Junior Chef - VS**

Let's learn new skills in the kitchen as we connect local harvests with overall good health. Prepare nutritious dishes that are delicious for breakfast, lunch and dinner using ingredients fresh from the farm. Yes, dessert is included along with healthy snacks to carry while you use your energy hiking trails at Flanders! AGES 10-13

## **WEEK 5: JULY 10 - 14**

### **Animals, Animals, Animals! - TH**

Make amazing discoveries about animals that live in the forest, pond, farm and meadow. Reptiles, amphibians, birds, mammals, insects, spiders and fish are all part of exploring nature and discovering creatures that share our world. AGES 3-5

### **Predators and Prey - SH**

Who survives by hiding in the woods, the pond, or in a field? Every hike will be filled with adventure as we learn amazing facts about carnivores, herbivores and omnivores. Mammals, reptiles, birds, insects and amphibians all are connected in predator-prey relationships and food chain dynamics. AGES 5-9

### **Growing at the Farm - NB**

Learn how animals grow from newborns to adults. What do they need to eat to keep them healthy and strong? Kids to goats, lamb to sheep, piglet to pig, chicks to chicken, we have so many animals to discover! Go on a hayride, plant some seeds and get ready to harvest an abundance of fun! AGES 5-9

### **Painting The Farm - S**

What did Grandma Moses paint in her art? Farm life and animals will inspire artwork while learning about the history of agriculture through painting, drawing and clay work. Visit our farm tool museum to draw tools used years ago to add to your paintings and visit with the animals for more inspiration. AGES 5-9

### **Food Fun - VV**

Mix, measure, chop and squeeze to prepare farm fresh ingredients creating delicious dishes and dessert masterpieces. Whip up smoothies to top off the day or get creative with some mouthwatering meals for breakfast, lunch and dinner. Learn tips, secrets and new culinary techniques as an accomplished chef! AGES 7-10

### **Alone...Together! - VS**

Go into the forest to learn how to survive in the wild. Build a waterproof shelter, find water nearby, make rope from tree bark, go fishing and tracking to learn how to thrive in the woods. Making primitive tools, safe fire starting, forest foraging and other useful outdoor survival skills will complete a week in your new forest home. AGES 10-13

## **FLANDERS SCIENCE ACADEMY**

### **Mapping Landforms – SB**

**FULL DAY, 1-WEEK ACADEMY**

Explore the landforms and bodies of water on campus and show their shapes and connections by creating maps. Using a compass, binoculars, paper and pencil, observations, imaginations and teamwork students develop a hands-on appreciation of the land and water around them. Using their maps, they have developed, students introduce the new land they have charted in a final presentation. AGES 8-10

## **Week 6: July 17 - 21**

### **Farming Adventures - TH**

Learn about chicks and chickens to have an egg-cellent time! Explore the farm to learn about farm animals - pigs, ducks, goats, horses and sheep. Take a tractor ride, play farming games, plant seeds and have a farm-tastic week! AGES 3-5

### **Reptile Wranglers - SH**

Painted turtles, snapping turtles, box turtles, oh my! Discover amazing facts about cold blooded and scaled creatures that live here and around the world. Spectacular snakes, terrific turtles and leaping lizards fill a week of fun! AGES 5-9

### **Go Goats - NB**

Our silly goats are ready for adventure! Get the leash and collar for some goat browsing hikes with goat filled fun. Try some goat yoga, milk a goat and learn goat facts from around the world. Find out what fun times happen when you add a crafty, curious creature - wonderful little goats! AGES 5-9

### **Clay Creations – S**

It looks like mud, but it is so much more! Dig deep in the soil to find clay and practice pinching, throwing and coiling to develop a variety of techniques to be a sculptor and potter! Mix sticks, stones and sand for experimental rock cycle creations. AGES 5-9

### **Epicure Exploration! - VV**

Let your taste buds travel around the world as you mix, measure, knead and toss together ingredients to discover delicious, nutritious dishes that you can make from across the globe. Be prepared to impress your family and friends with your worldwide culinary skills! AGES 7-10

### **Art for The Earth - VS**

Venture to the forest, field and trails to create art with natural materials. Leave your own stone sculptures, stick people and leaf mosaics as you explore forest field and wetland. Enjoy daily creative art challenges and adventures following the footsteps of famous artists that use land as the canvas. Dig for clay to sculpt, paint rocks, make primitive masks and enhance the trails with your inspired art creations. AGES 10-13

## **FLANDERS ART ACADEMY**

### **The Art of Digital Photography – SB**

**FULL DAY, 1-WEEK ACADEMY**

This academy introduces the art and science of using a digital camera. Capture enticing photographs from vast landscapes to tiny, macro invertebrates. Instruction will include basic and advanced camera features, functions and techniques. As well as provide useful tips and resources for light, lenses, editing, creative compositions, backgrounds and the origins of photography. Get started on the road to mastering photography, as a hobby, a key form of expression and as an important job skill in a digital age. The week culminates with a show for parents and friends! Camera sold separately. AGES 8-10

## **Week 7: July 24 - 28**

### **Pond Life - TH**

Get the buckets and nets ready to explore wonderful, watery worlds. Reptiles, amphibians and fish will be part of the discoveries of creatures living in the marsh, ponds and streams. Will we catch frogs, crayfish, red spotted newts and insects? Enjoy a week filled with wonder as we learn about amazing aquatic creatures. AGES 3-5

### **Flanders Safari - SH**

Do you know how many different kinds of animals live at Flanders? Discover mammals, birds, amphibians, reptiles, insects, spiders and fish. Be prepared to learn about carnivores, herbivores, or omnivores that live outside, in the great outdoors on hikes, creature catching challenges and wetland wanderings! AGES 5-9

### **Captain Trash Treasure Hunt - NB**

Our arch enemy returns in search of hidden treasure. What clues will we find to get to the treasure first and capture the mess making villain. Use a compass, read maps and create your own pirate flag to claim your prize. A fun filled adventure for our future earth champions to recognize real life challenges to protect the environment and better the planet. AGES 5-9

### **Art for the Earth - S**

How can we deliver a message by creating works of art to increase awareness of conservation issues? Can we connect to a viewer about endangered animals or habitat loss? Can we paint butterflies in a pollinator garden to help them? Spend a week inspired by nature to send important environmental messages to the viewer! AGES 5-9

### **Edible Art - VV**

Use fresh local ingredients to create delicious desserts that taste better than ever! Create sweet memories as you decorate cupcakes, cookies and cakes with your own artistic flare and watch them disappear, a culinary magic show! AGES 7-10

### **Farm Animals - VS**

Spend a week with hands-on learning how to manage farm animals. Learn feed ingredients, measure correct grain rations, hay harvest challenges and best practice management. Deworm the sheep and goats, trim hooves and groom the baby goats. Clean cages, fix fences and partake in some veterinary care to understand challenges and responsibilities of raising livestock responsibly. AGES 10-13

## **FLANDERS SCIENCE ACADEMY**

### **Secrets of the Forest – SB**

#### **FULL DAY, 1-WEEK ACADEMY**

Gain a hands-on understanding of what a forest is, its importance as an ecosystem, and of the amazing, sometimes hidden forces of nature that are occurring within it. As field researchers, conduct a tree survey and use measurement skills to determine the age and life cycle stages of trees. Study the forest's role as a habitat and use data gathered through field investigations, including camera trap footage, to make conclusions about the level of animal diversity in the forest. Finally, campers will work together on a creative presentation. AGES 8-10

## **Week 8: July 31 - August 4**

### **Wildlife Wonders - TH**

Explore the wonderful world of insects, birds, reptiles, amphibians and mammals while hiking the trails to the forest, pond and meadow. Look under logs to find some incredible invertebrates, go on a bird watching expedition and look for animal tracks! AGES 3-5

### **Explore The Pond - SH**

Grab a net, magnifying glasses and a bucket and get ready to capture (and release) creatures both large and small at the pond for an aqua-amazing adventure! Will you catch a frog, snake or turtle? Bring your water shoes for a splashing good time filled with wonderful wetland wildlife discoveries every day! AGES 5-9

### **Barnyard Baby Animals - NB**

Discover the cute little babies who were born in the barn and enjoy learning facts about newborn animals - chicks, piglets, lambs, kids and bunnies. Let's hike to the forest, meadow and ponds to discover baby animals in nature. AGES 5-9

### **Natalie Van Vleck: A Life in Art and Nature - S**

Let's learn all about Flanders' founder, Natalie Van Vleck and her art. Her collection of art displayed in the studio will inspire our art work. Hike the rolling hills to create landscapes, try portrait painting with a cubist style all while learning about an amazing woman who gifted her 200-acre farm to the community for all to enjoy. AGES 5-9

### **Bread Maker Mysteries - VV**

Measure, mix or blend to create some delicious baked goods made by you. Learn how to follow recipes and get creative with breads, biscuits, muffins and scones adding some super charged ingredients that keep your taste buds running back for seconds. Bring your own personality and style into your kitchen creations as you enjoy learning lifelong baking skills. AGES 7-10

### **Veterinarian Life - VS**

Spend a week experiencing the challenges of a career as a veterinarian. Learn how to measure heart rate and the temperature of a variety of animals. Measure dosage of medicines, trim hooves, deworm and practice emergency medical skills for animals. Learn the challenges of being a partner with animal owners keeping winged, two legged or four legged, furry or feathered patients healthy in a life dedicated to animals. AGES 10-13

## **FLANDERS ADVENTURE ACADEMY**

### **Survival Academy – SB**

#### **FULL DAY, 1-WEEK ACADEMY**

Get ready for an exciting adventure in the wild. Learn basic survival skills, including fire-starting techniques, how to construct shelters, and how to safely traverse various landscapes. As well as learn how to use a map, a compass and practice knife skills, campfire cooking and first aid. Additionally, they will learn the history of archery and shoot for a bull's eye during target practice. We offer daily challenges, survival scenarios and scavenger hunts to encourage teamwork and develop resilience. Be prepared for the adventure of a lifetime! AGES 8-10



## **WEEK 9: AUGUST 7 - 11**

### **AR-R-RT! - TH**

Dress for a mess as we learn to Reduce, Reuse and Recycle with art! Imagination, innovation and creativity flourish while discovering that art can be made with recycled and natural materials! Make wonderful and unique trash-terpieces with creative and individual styles. AGES 3-5

### **Nocturnal Expedition - SH**

Do you know which animals are busy when the sunsets? Let's learn who active at night and sleeps during the day. Set trail cameras to capture often unseen creatures in action as we discover nocturnal mammals, birds and insects. AGES 5-9

### **Go Goats Round Two! - NB**

Here we go again - back for more fun and kidding around! Hike with your new goat friend while we explore Flanders trails. What invasive plants will your goat eat? Learn about different goat breeds and characteristics from all around the world, try milking a goat, play goat games and create van-goat art. Give your goat a bath and get ready for a goat challenge course. AGES 5-9

### **Fun with Folk Art - S**

Discover, share and marvel at the diversity and artistry of the world's folk artists and cultures. Nature inspired primitive artists created art with materials collected or with found ingredients. Make your own fish wind sock, charcoal for rock drawings, masks or print with leaves as we discover art from around the world. AGES 5-9

### **Kid Chef! - VV**

Enjoy a fun filled week of creating delicious dishes to eat for breakfast, lunch, dinner and dessert! Mix together farm fresh ingredients to enjoy dishes that you prepare. Learn proper food handling, preparation and presentation for some YUMMY soups, breads and main dishes to complete your week as a chef extraordinaire! AGES 7-10

### **Paleontology - VS**

Geology, rocks and fossils, grab a rock hammer to dig into the world of dinosaurs. Have fun being a paleontologist trying to recreate skeletons from excavated bones. Make plaster casts, test soil samples, make fossils prints and collect burrowing bugs to help see a glimpse of life from the past. AGES 10-13

## **Week 10: August 14 - 18**

### **We Dig Dinosaurs - TH**

Dig in to discover these enormous creatures that lived long ago from the meat eaters to the plant eaters! Young Paleontologists will make fossils, learn about dinosaur eggs, volcanoes and dig for buried bones. AGES 3-5

### **Explore The Forest - SH**

Trees are terrific. Learn the role trees play in providing habitat and clean air. Discover a hidden world of animals living in the leaves and in the roots. Catch incredible creatures while you look under decomposing logs, follow tracks to discover wildlife in amazing places. AGES 5-9

### **Crazy Characteristics - NB**

Why does that chicken have feathers on its feet? Are those zebra stripes on the donkey? Discover amazing animal adaptations in your own backyard and from around the world. Get ready for creature catching expeditions, pond safaris and to search for clues left by mysterious nocturnal creatures. Enjoy a week filled of hiking, stories, hayrides, games and fun! AGES 5-9

### **Recycled Art - S**

Let's get creative with trash! Add your imagination and a whole lot of tape, glue, string or staples to create recycled art. Build newspaper sculptures, crazy cardboard creations, and plastic bottle cap art. Reduce, reuse, and recycle while making masterpieces filled with artistic expression, creativity and fun! AGES 5-9

### **That's So Gross! - VV**

Our famous fun filled week of mixing, squeezing, slicing, smashing, chopping and creative chaos in the kitchen making desserts and dishes that taste way better than they look. Be prepared to create food that looks AWFUL, but tastes great! AGES 7-10

### **Outdoor Careers - VS**

Perhaps you enjoy spending time outdoors? Let's learn about careers in forestry, natural resource conservation and research. We will investigate the study of ornithology, entomology, herpetology and mammalogy. Discover the vast offerings available to launch your dream job for an amazing outdoor life. AGES 10-13

## **FLANDERS ADVENTURE ACADEMY**

### **Young Anglers – SB**

#### **FULL DAY, 1-WEEK ACADEMY**

It's more than fishing! This academy introduces the basics of fishing along with the importance of learning to conserve, protect, and enhance fish, wildlife, and their habitats. Instruction will include learning to cast, identifying your catch, selecting bait, and how to tie a variety of knots. Additionally, students participate in fun demonstrations and hand-on activities while becoming knowledgeable and skilled anglers. Catfish, Perch, Large and Small Mouth Bass and Pickerel are all local freshwater fish that live in our ponds and marsh. Educated anglers have a better understanding of our resources and the role we play. AGES 8-10

## **Week 11: August 21 - 25**

### **Baby Animals - TH**

Who's hatching from that egg? Did we find it in the farm, pond or meadow? Learn and discover baby animals all around us. Tadpoles to frogs, caterpillar to butterflies, lambs to sheep and kids to goats are all part of learning about life cycles. AGES 3-5

### **Splash! - SH**

We may get wet and muddy but we sure will enjoy a week of discovering wildlife in the water! Bring your water shoes to visit the stream to catch crayfish, spy on waterfowl at the marsh or catch frogs and turtles in the ponds as we learn about adaptations in extraordinary wetlands! Salamanders, beavers, fish, and insects are all part of an amazing aquatic adventure. AGES 5-9

### **Mammal Mysteries - NB**

Discover facts and fiction of amazing milky animals that have hair. Fuzzy, furry, shaggy and smooth, learn true stories about unique survival strategies. Are those coyote, wolf, bobcat or bear tracks? Skunks, raccoons, opossum and beavers all add excitement as we learn natural history and challenges of life in the wild! AGES 5-9

### **Land Art - S**

The trails and landscape are the canvas to create art on the move. Hike the forests, meadows or to the pond creating sculptures and land art with natural materials found along the way. Seed mosaics, leaf prints and sand art discoveries are all part of the art journey. AGES 5-9

### **Culinary Creativity - VV**

Mix, measure, flip and fry to connect creativity with masterpieces, adding a few heaping scoops of fun with food! Part science and part inventiveness added to create new taste bud sensations in the kitchen. AGES 7-10

### **Clean Energy - VS**

Our ever-changing planet benefits from less use of fossil fuels. Let's learn about clean energy and how to harness the power of nature. Can we build a windmill, use a solar oven to cook lunch or design a water wheel to generate electrical energy? Discover how we can do our part to save our planet! AGES 10-13

## **FLANDERS SCIENCE ACADEMY**

### **Amazing Animal Science – SB**

FULL DAY, 1-WEEK ACADEMY

Through the study of domestic animals and wild animals, students learn that animals all share certain survival needs and meet those needs in different ways. They investigate external parts of different animals and discover that each part has a function that helps in survival and that the shape of the part is related to that function. In a final project, students act as engineers and identify a problem to solve using biomimicry of an animal or animal part. Using available materials, they will build a model of their new invention. AGES 8-10

## **WEEK 12: AUGUST 28 - SEPTEMBER 1**

### **Explore Flanders - TH**

Get your feet ready to hike and learn about amazing animals that live at Flanders. Fields, farm, forest and pond are all part of our daily adventures. Did we find tadpoles, butterflies, bird nests or baby animals at the farm? Every trail leads to another amazing discovery! AGES 3-5

### **Eagles, Hawks and Owls - SH**

Spend a week bird watching to discover facts about birds of prey, aquatic birds, song birds and many more. Dissect an owl pellet to see what was its last meal? Daily discoveries sharpen your hawk eyes observation skills as you learn about these winged wonders. AGES 5-9

### **Animal Adventure! - NB**

Let's explore the great outdoors to discover the hidden world of creatures that share our world. Discover nocturnal habits and habitats, survival strategies and interesting animal adaptations. Plan on hiking, capturing creatures at the pond, playing games and having loads of fun! AGES 5-9

### **Incredible Creature Catch - VS**

Insect, spider, amphibian, reptile, fish, mammals and birds are all part of discovering the creatures that share our world and our role to protect them. AGES 10-13