

Summer Camp 2018



Tyler Arboretum

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Meet Our Highly Qualified Staff



Counselors

Summer Camp Counselors spend every day with your camper developing relationships and creating awesome and engaging experiences for each child. We hire college students and graduates who have studied education, biology, recreation or other related fields and have experience working with children and love exploring nature.



Specialists

Specialists lead groups in exciting theme-based activities to help campers deepen their connection to the natural world in fun and meaningful ways. Specialists are professional teachers, naturalists or college students who have significant experience leading their individual specialty field.



Coordinators

The Age Group Coordinator is a leadership role and a constant presence in camp. Coordinators assist counselors with everything from leading groups in fun activities to behavior management. Coordinators are professionals or graduate students who have leadership and youth development experience.

First Aid & CPR Certified

Background Checked

Experienced

Camp Director: Liz Hornbach



Liz has loved the outdoors since she was a child. Growing up in Philadelphia didn't offer much green space so she sought out opportunities through the Girl Scouts and later the Civil Air Patrol Ranger Program, where she became an instructor at a wilderness search and rescue and survival school. Her fondest childhood

memories are of the countless days she spent in the woods developing skills and building friendships that would last a lifetime. Professionally, Liz has spent 20 years working and volunteering at a variety of camps and wilderness youth development programs. Her passion lies in creating opportunities for youth to experience nature in a way that is exciting, memorable and life-changing.

Liz holds a Master's degree in Alternative Education. She is a certified Emergency Medical Technician with experience as a lifeguard, canoe instructor and in search and rescue and wilderness first aid. In addition to the outdoors, Liz loves reading, writing and traveling.

Assistant Camp Director: Josie Bonham



Josie grew up in rural Pennsylvania, where she developed a deep connection to nature through exploration and discovery right in her own backyard. She spent countless hours of her youth playing outside in the woods, fields and streams. Josie went on to study wildlife in Alaska, Ecuador and Syracuse, NY. For over

eight years, Josie has taught environmental education professionally at a variety of locations around the country, including an Americorps internship at the Ogden Nature Center in Utah. Josie is passionate about wildlife, conservation and finding creative and engaging ways to help youth develop a connection to nature that will inspire future stewards of the environment.

Josie holds a Bachelor's degree in Wildlife Biology and a certification in Environmental Education. She is currently completing the coursework to become a PA Master Naturalist. In addition to environmental education, Josie enjoys traveling, backpacking and learning!

What's New for 2018!

We are always adding and expanding programs to enhance your child's camp experience, while still maintaining the core of what makes Tyler's Summer Camp so special.

We aim to give each child the best possible experience as they explore the marvel of the natural world, and discover their place within it!

Additional Program Specialists

Tyler Arboretum has always offered excellent programming that encourages your children to discover the natural world. This year we are adding more Specialists to deliver an even higher quality of programming. Your children will spend more time with expert naturalists, outdoor adventure enthusiasts and skilled instructors to dive deep into our beautiful landscapes and ecosystems with fun activities and exploration designed to help them experience nature in meaningful ways.

Tiny Trackers & Explorers Change

Due to the Pennsylvania state childcare regulations for children who have not yet entered kindergarten, Tyler Arboretum will no longer be offering Tiny Trackers camp. In order to enroll in Explorers camp, children must have completed kindergarten at the start of camp. We hope that your family will consider participating in our summer public program offerings for ages 4 and 5. Please see Tyler Topics or our website for more information.

More Adventure!

Field Trip Mania (Grades 6-8)

If one field trip is loads of fun, then FOUR will be out of this world! Spend Monday at Tyler doing your favorite things, then spend the rest of the week on off-site adventures. Canoe down the Brandywine River in Delaware, visit the Adventure Aquarium and splash around at Sahara Sam's waterpark. Camp out at the Arboretum on Thursday night and spend a lazy Friday floating in a tube down the Brandywine River in Pennsylvania. Campers will return to Tyler each day to depart at 3pm. Campers must be competent swimmers. Check out page 9 for details and dates.



Pocono Adventure (Grades 9-11)

High school campers will embark on a week-long adventure trip to the Poconos. Spend five days and four nights camping at the Whitewater Challengers campground. Each day find yourself on a new adventure, including whitewater rafting, biking the Lehigh Gorge Trail and hiking through Hickory Run State Park. Visit a local miner's village to explore the history of the area and spend your evenings around the fire making friends, and s'mores. Check out page 11 for details and dates.



A great camp made even better!

Become a Member



The loyal support of our members helps us protect and share our unique woodlands, wetlands, meadows and gardens.

In return, Tyler members enjoy many rewards. Join at the **\$89 Family level** or above to receive:

- ✦ Priority Registration for camp (January 8–21)
- ✦ Discount on camp pricing (\$50 per camper, per camp week)
- ✦ Exclusive camp drawstring bag when registering by January 21
- ✦ Free year-round admission to Tyler and 300+ other gardens
- ✦ Discounts on youth programs, eco-birthday parties and more
- ✦ Many other benefits!

Join or renew online at
www.TylerArboretum.org/membership

Camp Details

Registration Information

Register Online at: www.TylerArboretum.org/camp

January 8: Registration opens to Tyler Arboretum Family/Household level members and above.

Members who register on or before January 21 receive a free Tyler Summer Camp drawstring bag (one per camper)

January 22: Registration opens to the public.

- Payment must be made in full at time of registration.
Spaces cannot be held without full payment.
- Requests for cancellation must be made in writing and fees will be applied to each camper, per camp week. A cancellation fee of \$10 will be applied to each cancellation prior to April 13. A cancellation fee of \$50 will be applied to each cancellation thereafter, up to 15 business days prior to the start of the camp week. No refunds will be issued for withdrawal or absence with notice of less than 15 business days.
- Questions about registration? Contact Joanne Landau at JLandau@TylerArboretum.org or 610-566-9134 x303 (Office hours: M-F, 9:00-noon).

Extended Care

Extend your camp day with before & after care. **Register online anytime.** Payment must be made in full at time of registration. Pre-registration is required.

Before Care (8–9am): \$10 per day

After Care (3–5pm): \$15 per day

Visit: www.TylerArboretum.org/camp

Medications

All medications to be administered at camp or on an overnight must be listed on the Camper Information and Health History Form, completed by a physician. This includes emergency medication (inhalers, epi-pens, etc.), routine prescription medication, over-the-counter medication (Tylenol, Benadryl, etc.) and vitamins. Please visit the Camp Forms section of the website to download the form.

Snacks, Meals & Water

- Please provide a mid-morning snack and a packed lunch for your camper. Join us in our efforts to live in a sustainable and environmentally friendly way. Please consider packing a low-waste snack and lunch with reusable containers and napkins, and avoid extraneous packaging and non-recyclable materials. *Please consider removing the plastic cover on juice-box straws, as they tend to litter the Arboretum after lunch time.*
- Tyler is not a peanut-free facility, but we encourage you to consider packing peanut-free foods, as there are many campers with allergies. Please contact us if you have allergy concerns.
- Dinner and breakfast are provided for campers during one-night overnights. For five-day overnights, all meals are included except Monday lunch.
- Campers **MUST** have a water bottle. Often campers will be out and about away from the building, and away from drinkable water sources. They must have the ability to stay hydrated, even on their adventures. **Please ensure that your camper has a reusable water bottle every day.**

Clothing & Footwear

- Campers should come dressed ready for outdoor exploration and play in clothes that may get dirty. Campers must wear closed toed shoes, such as sneakers. **Flip flops or open-toed sandals are not acceptable camp shoes.**
- Please pack a bathing suit, towel and water shoes every day, as there is always the possibility of a stream adventure or water games, especially on those extra hot days! Water shoes must be a style of shoe that will stay on while in the water. Closed water shoes, sandals that strap to feet or old sneakers work best. **Flip flops are not acceptable.**
- For young campers, an extra set of clothes is suggested.
- Please label all items with your child's name (including shoes, towels, lunch bags and water bottles). Many items end up in the lost and found and are never claimed. If they are labeled, we make every effort to return them to the camper. All unclaimed lost and found items are donated at the end of August.

A group of children are participating in an outdoor activity at a camp. In the foreground, a girl in a green cap and a colorful t-shirt is looking towards a boy in a red shirt who is pouring water from a container into a stream. Other children are also engaged in similar activities, some pouring water from containers into the stream. The background shows more children and adults in a wooded area.

Explorers

Grades 1-5

Full-Day Program

Monday – Friday, 9am – 3pm

Members: \$275

Non-members: \$325

Campers should bring a mid-morning snack and a packed lunch.

Register online at:
www.TylerArboretum.org/camp

Explorers camps are full-day camps where kids can be kids. Days are filled with activities designed to engage their curiosity and to help them develop a love for nature. Counselors will help youth to develop life skills such as conflict resolution, decision making and confidence. Campers will embark on a new adventure each day as they explore the stream, roam in the meadow, hike in the woods, find frogs, turtles and aquatic bugs, and play in the tree houses.

In order to enroll in Explorers camp, children must have completed kindergarten at the start of camp.



Fizz, Bang, POP! 🌿 June 25-29

Create potions and watch things ooze, fizz and explode! Explore the chemistry that appears to be caused by magic to the untrained eye. We'll have a blast doing hands-on experiments featuring acid and base reactions, color change and states of matter transformations.

Solar Power 🌿 July 2-6

The Sun is the most important source of energy for life on Earth. Learn about this fiery star and discover how to capture and use solar energy. Build a solar oven and cook a snack, use ultraviolet light to make a piece of art and learn how to harness solar thermal energy through cool experiments.

Camp will be closed July 4th. Mini-week pricing: \$240 members, \$290 non-members.

Beneath Our Feet 🌿 July 9-13

Discover the life that is in the soil beneath our feet! More than just dirt, soil has numerous jobs to sustain our environment. Get your hands dirty exploring this mighty material! Hunt for critters that make soil their home, paint with mud and even make your own perfect soil.

Engineering Creations 🌿 July 16-20

Use your imagination and your scientific mind to design and build feats of engineering genius. Construct towers, bridges, catapults, roller coasters, dams and more. Learn how human engineers are constantly inspired by Mother Nature's plant and animal engineers.

Water Wonders 🌿 July 23-27

Cool off during this fun-filled week in the water! Explore and experiment alongside frogs, turtles and other water-dwelling critters to find out more about water's role in nature. We will play water games, turn over wet rocks and make some aqua-inspired crafts.

Things with Wings 🌿 July 30-Aug 3

Wouldn't you love to be able to fly? Explore the Arboretum for the many critters that do: butterflies, birds, bees, bats and many more! Learn what makes these winged creatures so cool, and why they are so important to our environment. Go on a bird scavenger hunt, dissect an owl pellet and search for butterflies.

Messy Masterpieces 🌿 August 6-10

Let your imagination soar with fun and messy art projects. Go wild spraying, splattering and spinning paint and other interesting materials to create small and large-scale (and maybe even living) masterpieces. Hike around the Arboretum to collect materials to integrate into your one-of-a-kind works of art.

Nature's Superheroes 🌿 August 13-17

Batman, Catwoman and Spiderman are all nature-inspired superheroes. Explore the amazing superpowers that animals, plants and other living organisms have developed to survive and to thrive. Create your very own superhero, costumes and all!

Naturalists

Grades 6–8



Full-Day Program

Monday – Friday, 9am – 3pm

Thursday – Overnight

Members: \$375

Non-members: \$425

Campers should bring a mid-morning snack and a packed lunch. Dinner and breakfast are provided during overnights.

Each camp week includes an off-site field trip (Wednesday) and an on-site overnight (Thursday to Friday).

Register online at:
www.TylerArboretum.org/camp



Naturalists camps are designed for campers who are ready for a more in-depth experience, focusing on comprehensive activities, team building and off-site adventures. Youth will spend their days investigating the natural world, its inhabitants and the interconnectedness of nature. Counselors will ensure that each camper

is challenging themselves in a positive and friendly atmosphere. Each week the group will embark on an off-site adventure and discover new strengths, while developing new skills. On Thursdays, campers will stay overnight and explore Tyler at night, with evening hikes, making s'mores by the campfire and sleeping out in tents in the Arboretum.

Reptile Rangers 🌿 July 2-6

Dive into the world of herpetology and take a more in-depth look at these interesting ectothermic tetrapods. Go on herping adventures to seek out the reptiles and amphibians that live at Tyler. Use microscopes to examine them on the cellular level and then dissect a frog to learn basic vertebrate anatomy. Visit the Delaware Nature Society to meet live reptiles and amphibians from around the world!

Camp will be closed July 4th. Field trip will be on Thursday. Mini-week pricing: \$340 members, \$390 non-members.

Survival Masters 🌿 July 9-13

Spend the week learning how to master the wilderness. Learn skills to survive in the wild, such as how to build a fire and find food. Take a walk with an expert horticulturist to gather edible plants and make a snack. Build your very own survival kit and learn valuable bushcraft. Head to Brandywine Creek State Park to learn how to read a map and use a compass, then test your skills on their compass course.

Hydro Power 🌿 July 16-20

Investigate the ways that water is a source of power. Learn how different devices are used to extract useful energy from moving water. Build a waterwheel that can light a lightbulb, and replicate a tidal power station. Head over to L.L. Bean's Outdoor Discovery School at Marsh Creek to learn the basics of stand up paddle boarding and then take a guided trip out on the lake.

Cubic Ecosystems 🌿 July 23-27

Be a field biologist for a week and study the organisms that make up one cubic foot of an ecosystem. Create a Bio-Cube and place it around Tyler. Use photos, wildlife cameras, drawings and field data to record your scientific findings. Visit the Schuylkill Center to learn about biodiversity. At the end of the week, bring your cube back to the "lab" and dissect it to see how diverse your cubic ecosystem really is.

Water Wonders 🌿 July 30-Aug 3

Have a splash of fun with a week of aquatic activities! Learn how to use nature to make dirty and polluted water clean. Do experiments to see what happens to wildlife during an oil spill and use microscopes to see just what kind of water is here at Tyler. Visit the Fairmount Water Works and explore an urban watershed and what really happens when you flush your toilet.

Science Explosions 🌿 August 6-10

Explore the chemistry that makes things ooze, fizz and explode! Create your own series of experiments to discover what makes the tallest carbonated geyser and then harness that force to create a soda-powered vehicle. Visit the Franklin Institute for a live science show and see more cool chemical reactions in action.

Nature Art 🌿 August 13-17

Use natural materials to create unique works of art. Arrange tree cookies to create a woodland design, use pebbles to create a rockin' sculpture and use a variety of flowers and leaves to create a wild self-portrait. Visit the Brandywine River Museum and tour artist N.C. Wyeth's home and studio, and then explore the Natural Wonders contemporary art exhibit.

Field Trip Mania!

Aquatic Adventures 🌿 August 13-17

If one field trip is loads of fun, then FOUR will be out of this world! Spend Monday at Tyler doing your favorite things, then spend the rest of the week on off-site adventures. Canoe down the Brandywine River in Delaware, visit the Adventure Aquarium and splash around at Sahara Sam's waterpark. Camp out at the Arboretum on Thursday night and spend a lazy Friday floating in a tube down the Brandywine River in Pennsylvania. Campers will return to Tyler each day to depart at 3pm. Campers must be able to swim.

\$525 members, \$575 non-members

Adventurers

Grades 9–11



Full-Day Program

Monday – Friday, 9am – 3pm

Thursday – Overnight

Members: \$400

Non-members: \$450

Campers should bring a mid-morning snack and a packed lunch. Dinner and breakfast are provided during overnights.

Each camp week includes an off-site fieldtrip with overnight (Thursday to Friday).

Register online at:
www.TylerArboretum.org/camp

Are you ready for adventure? These teen camps are designed to challenge campers with awesome outdoor experiences. Campers will spend their week learning the skills necessary to survive in the wilds. This includes fire safety, food preparation, orienteering and packing, all while learning to work in a group and plan a trip. On Thursday, the team will embark on an overnight adventure to explore interesting new environments and to put their camping skills to the test! Campers will walk away from this week with newfound confidence and strong friendships.



Wilderness Readiness 🍃 July 9-13

Are you ready to take on nature? This week of outdoor adventure will get you ready for your next wilderness excursion! Learn how to read a topographical map, start a fire, even with wet wood, and learn important knots for the outdoors. Take a walk with an expert horticulturist to gather edible plants and make a snack. Travel to Worthington State Forest and hike parts of the Appalachian Trail in NJ. Head up to the top of Mt. Tammany for some of the best views of the Delaware Water Gap.

Aquatic Explorations 🍃 July 23-27

Water is an important asset when in the wilderness. Build a filtering system to procure water for drinking, learn survival fishing techniques and construct a waterproof shelter using natural materials. A visit to Elk Neck State Park in Maryland will give you an opportunity to contrast the wildlife in freshwater and marine ecosystems. Explore the sandy shorelines, go crabbing along the Chesapeake Bay and maybe catch a glimpse of a bald eagle at the lighthouse bluff.

Backpacking Adventures 🍃 Aug 6-10

Gear up for adventure! Learn the basics of backpacking, including essential gear and how to pack it. Practice building a fire, an impromptu shelter and plotting a course on a topographical map. Take a trip to Hawk Mountain to test out your new skills on the Appalachian Trail. Camp along the mountain ridge and wake up to glorious mountain views. This trip is suitable for beginners. Campers will need basic gear such as a sleeping bag and hiking backpack (items can be rented from local retailers; details available).

Trip & Travel

Pocono Adventure 🍃 July 30-Aug 3

Spend five days camping at Whitewater Challengers in the Poconos. Leave from Tyler on Monday morning and return Friday afternoon. Spend your days on exciting outdoor adventures. Go whitewater rafting on the Lehigh River, bike the scenic Lehigh Gorge Bike Trail, hike the trails at Hickory Run State Park and visit the historic Eckley Miner's Village. Spend your evenings making friends (and s'mores) around the campfire. Campground includes showers and bathrooms. Bike, helmet and rafting gear will be provided. Meals included (except Monday lunch).

\$750 members, \$800 non-members



OUR MISSION:

Preserve, enhance and share
our heritage, collections and
landscapes to create and inspire
stewards of the natural world.

