



Elm Fork Education Center

Explorer's Camp 2018

June 11, 2018 – July 20, 2018

All camps meet in the Environmental Science Building on the corner of Hickory St. and Avenue C on the campus of the University of North Texas

Explorer's Camps are weeklong half-day sessions that meet Monday – Friday 8 a.m. to 12 noon. Drop off begins at 7:30 am and pickup by 12:30 p.m. unless other arrangements have been made. All camp sessions have a maximum enrollment of 25 campers. **\$110 - \$140 per week**

Discovery Camp – For campers needing a full day experience we offer an afternoon session that is less about science and more about recreation, arts and crafts. Discovery camp runs from 12 noon to 6 p.m. Discovery camp has only one session per week with a maximum enrollment of 40 campers. **\$85 per week.**

Elm Fork Explorer's Camp 2018				
Week /Grade Entering	2nd - 4th	3rd- 5th	3rd- 5th	6th - 8th
June 11-15, 2018	Circle of Life	Simply Machines	Dig In Time	X-Stream Adventure
June 18-22, 2018	Journey to the Center	Darwin's Quest	Chem2Kids	ECSI
June 25-29, 2018	Growing Up Wild	Nature Unleashed	AstroKids	Eco-Tech
July 2-6, 2018	Holiday - No Camp session			
July 9-13, 2018	Creative Science	Science Vision	Just Beneath the Surface	Astro Lab
July 16-20, 2018	Innovention	Science of Art	Critter Camp (Birds)	Just a Phase

Camp registration will begin online and in person on **March 19, 2018.**

Camp reservations are first come first serve so register as early as possible to secure your spot. 50% payment must be received 30 days prior to the beginning of each camp session or your spot will go to the first camper on the waiting list.

Week 1 – June 11th – 15th, 2017

2nd -4th Grade

Circle of Life - Campers will explore the complex connections of living systems. Every activity is designed to be hands-on, allowing campers to create unique projects that they will be able to take home with them. **\$110**

3rd – 5th Grade

Simply Machines – Rediscover the technology that allowed ancient cultures to build pyramids, castles, ships that could cross oceans and the weapons used to destroy them all. Discover how modern engineers use the lever, wheel and inclined plane to build more efficient, faster and complex machines. **\$110**

Dig-In Time - Dig-In Time is an archaeological adventure! As part of an archaeological team the campers will undertake an expedition to uncover the secrets of North Texas' past. Join us for a Dig-In Time and help uncover and discover the untold stories that lie in the soil! **\$110**

6th- 8th Grade

X-Stream Adventure - Take the next step towards becoming a real scientist. Discover the wonders of working in the field, collecting data while standing ankle deep in mud, or using high tech instruments to make scientific observations. Join us if you think you can handle it as the Mean Green Environmental Machine takes students on exciting adventures. **\$140**

Week 2 – June 18th – 22nd, 2018

2nd -4th Grade

Journey to the Center of the Earth - Join us on a journey through time as we explore the Geological Time Scale! Participants will discover Geological changes over billions of years, and will take a close look at the creatures who walked, flew, and swam millions of years ago. **\$110**

3rd – 5th Grade

Chem2Kids - Between kick the can ice cream to making our own bouncing balls, this camp will explore chemistry in a fun light! Campers will dive into the world of chemistry with fun, hands-on activities, experiments, and demonstrations! **\$110**

Darwin's Quest – Let your imagination travel through time while you investigate how an organism of your own creation adapts to an ever changing environment. Each day will be a new challenge to survive. Can you evolve in time? **\$110**

6th- 8th Grade

Environmental Crime Scene Investigation (ECSI) Campers will be trained as forensic scientists and attempt to solve a mystery behind an environmental crime. **\$140**

Week 3 June 25th – June 29th, 2018

2nd -4th Grade

Growing Up Wild @ Elm Fork- Based on the award winning Growing Up WILD nature program, our campers will be WILD for a camp that takes them on a journey of the WILD just outside their door. Wiggling like a worm, jumping like a grasshopper, or eating like a bird are just the beginning of being WILD in the Elm Fork outdoors.. **\$110**

3rd – 5th Grade

AstroKid Academy - Join a week of astronaut training. Campers will explore the universe, learn about the physical and mental preparation for space exploration and the science of launching a NASA shuttle into space. Campers will also work in teams to build and launch their own rocket! **\$110**

Nature Unleashed - Earthquakes, volcanoes, tornados, hurricanes, fire and floods can all have devastating effects for the people in their path, but can these events tell us about how our planet was formed and how it is changing. Are natural disasters always bad? **\$110**

6th- 8th Grade

Eco-Tech – Engineers make things work! Test your communication skill and creativity with small group problem solving challenges using recycled material. **\$140**

Week 4 July 9th - July 13th, 2018

2nd -4th Grade

Creative Science - Discover how Science and Art are interrelated! After a week of creating work, campers will have their own art exhibition for parents and friends to attend. **\$110**

3rd – 5th Grade

Just Beneath the Surface (JBS) - Have you ever wondered what makes a pond a pond? Campers join us in discovering what's beneath the surface by examining the water itself and exploring insects, tadpoles, fish, microscopic organisms, and more. **\$110.**

Science Vision – Modern scientific instruments allow us to see inside an atom and deep into space but these tools took centuries to develop. Trace the path from understanding the human eye to developing artificial lenses, telescopes, microscopes and beyond. **\$110**

6th- 8th Grade

Astro Lab – Curious about how scientists and engineers design a mission to search for life beyond planet earth? In this fun, interactive camp, we will develop a mission to for life in the solar system that meets constraints for budget, mass, power, and criteria for significant science return. **\$140**

Week 5 July 16th – July 20th, 2018

2nd -4th Grade

Innovention – Innovention is an introduction to engineering! Campers will be brainstorming, designing, and building a new game or toy, or improving an existing product. In the course of the week, we will also investigate and discover new ways of accomplishing tasks, such as Squish Circuits. **\$110**

3rd – 5th Grade

Science of Art - Knowledge of physics, chemistry and even biology can help an artist better understand and visualize the world they live in. Campers will experience first-hand how artists use science to make art. **\$110**

Critter Camp – Birds Critter Camp returns once again, with the start of a whole new series. This camp will focus on the physical and behavioral adaptations that allow birds to thrive even in urban environments. **\$110**

6th- 8th Grade

Just a Phase - Campers will conduct experiments to observe the macroscopic transformations of matter—phase change, dissolution, reaction—and apply kinetic particle theory to explain those transformations at the microscopic level. **\$140**