



Elm Fork Education Center

Explorer's Camp 2024

June 10, 2024 – July 19, 2024

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 18-20 campers. **\$130 - \$155 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 36 campers. **\$105 per week.**

Elm Fork Explorer's Camp 2024				
Week /Grade Entering	2nd - 4th	3rd- 5th	3rd- 5th	6th - 8th
June 10-14, 2024	Circle of Life	Game On	Dig In Time	X-Stream Adventure
June 17-21, 2024	Journey to the Center	Simply Machines	Chem2Kids	Life at the Edge
June 24-28, 2024	Creative Science	Nature Unleashed	AstroKids	Geodyssey
July 1-5, 2024	No Camp Session			
July 8-12, 2024	Catch a Wave	The Producers	Just Beneath the Surface	Elements of Art
July 15-19, 2024	Innovention	Critter Camp (evolution)	Science of Art	Eco-Tech

Camp registration will begin online and in person on **March 18, 2024.**

Camp reservations are first come first serve, so register as early as possible to secure your spot. No payment is due at registration. Invoices will be sent by email in May via UNT Clover. The invoice will include a link to an online credit card payment processor. Payment can also be made in person by check, cash or credit card.

Week 1 – June 10-14, 2024

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. **\$130**

3rd – 5th Grade

Game On – How does a baseball player know where to stand to catch a ball? In Game On we will explore the science of biomechanics - everything from microscopic systems like muscle contraction in cells, all the way to large-scale, whole-body motions like a sprinting athlete – to better understand how biology and physics allow us to enjoy playing sports. **\$130**

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! **\$130**

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 exciting adventure. **\$155**

Week 2 – June 17-21, 2024

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. **\$130**

3rd – 5th Grade

Chem2Kids - Between ziplock 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! **\$130**

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. **\$130**

6th- 8th Grade

Life at the Edge - As climate conditions change, animals and plants are forced to adapt to the new normal. Life at the Edge will explore the world of extremophiles (organisms that live in extreme environments) to help us better understand how organisms might adapt to future climate conditions. **\$155**

Week 3 - June 24-28, 2024

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. **\$130**

3rd – 5th Grade

Nature Unleashed - Earthquakes, volcanoes, tornados, hurricanes, fires 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. What can we do to prepare for climate change? **\$130**

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 Artemis mission. Campers will also work in teams to build and launch their own rocket! **\$130**

6th- 8th Grade

Geodysey -an epic adventure in geosciences. Learn the tools and methods geoscientists use to describe the composition, structure and processes that form and alter planets. **\$155**

Week 4 - July 8-12, 2024

2nd -4th Grade

Catch a Wave - We may think of waves as water, sound or light, but what is actually moving on a wave? Scientist measure and analyze waves to discover distant planets millions of light years from earth, or to determine the exact point where an earthquake started. Come explore the energy riding the waves around us. **\$130**

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. **\$130.**

The Producers - Before animal life emerged in the ocean and on land, autotrophs transformed our planet into a world. They thrived in an early Earth atmosphere rich in carbon dioxide. As they grew they created the foundation of an increasingly complex food web while transforming the Earth's atmosphere with oxygen. The Producers will focus on the role of plants from the ancient past to our current backyard garden. **\$130**

6th- 8th Grade

Elements of Art - Explore the intersection of art and science to better understand the properties and performance of materials used to create art. Expand your knowledge of how to apply physics, chemistry and engineering to better understand how artists use materials. Each day of camp will include an in-depth study of the structure and properties of art making materials. Campers will then be able to test the performance of each material by creating their own art. **\$155**

Week 5 - July 15-19, 2024

2nd -4th Grade

Innovention – Are you the kid that just has to take apart the toy to figure out how it works? Innovention is an introduction to engineering! Campers will be brainstorming, designing, and building a new game or toy, or improving an existing product. **\$130**

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. **\$130**

Critter Camp – Evolution The Critter Camp series will be moving on to focus on the process of evolution. This camp will focus on the physical and behavioral adaptations that allow mammals to thrive even in urban environments. **\$130**

6th- 8th Grade

Eco-Tech – Engineers make things work! Test your communication skill and creativity with small group problem solving challenges using recycled material. **\$155**