



## Elm Fork Education Center

### Explorer's Camp 2025

**June 9, 2025 – July 18, 2025**

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 a.m. and pickup by 12:30 p.m. unless other arrangements have been made. All camp sessions have a maximum enrollment of 18-20 campers. **\$135 - \$160 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. **\$110 per week.**

<b>Elm Fork Explorer's Camp 2024</b>				
<b>Week /Grade Entering</b>	<b>2nd - 4th</b>	<b>3rd- 5th</b>	<b>3rd- 5th</b>	<b>6th - 8th</b>
<b>June 9-13, 2025</b>	Growing Up Wild	Science Vision	Dig In Time	X-Stream Adventure
<b>June 16-20, 2025</b>	Journey to the Center	Simply Machines	Chem2Kids	Astro Lab
<b>June 23-27, 2025</b>	Creative Science	Nature Unleashed	AstroKids	Geodyssey
<b>June 30 - July 4, 2025</b>	No Camp Session			
<b>July 7-11, 2025</b>	Catch a Wave	Game On	Just Beneath the Surface	ECSI
<b>July 14-18, 2025</b>	Innovention	Critter Camp (birds)	Science of Art	Eco-Tech

Camp registration will begin online and in person on **March 17, 2025.**

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 9-13, 2025**

### **2<sup>nd</sup> -4<sup>th</sup> 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. **\$135**

### **3<sup>rd</sup> – 5<sup>th</sup> 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**

### **6<sup>th</sup>- 8<sup>th</sup> 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 16-20, 2025**

### **2<sup>nd</sup> -4<sup>th</sup> 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. **\$135**

### **3<sup>rd</sup> – 5<sup>th</sup> 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! **\$135**

**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. **\$135**

### **6<sup>th</sup>- 8<sup>th</sup> 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 search for life in the solar system that meets constraints for budget, mass, power, and criteria for significant science return. **\$160**

## **Week 3 - June 23-27, 2025**

### **2<sup>nd</sup> -4<sup>th</sup> 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. **\$135**

### **3<sup>rd</sup> – 5<sup>th</sup> 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? **\$135**

**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! **\$135**

### **6<sup>th</sup>- 8<sup>th</sup> 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. **\$160**

## **Week 4 - July 7-11, 2025**

### **2<sup>nd</sup> -4<sup>th</sup> 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. **\$135**

### **3<sup>rd</sup> – 5<sup>th</sup> 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. **\$135.**

**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.**\$135**

### **6<sup>th</sup>- 8<sup>th</sup> Grade**

**Environmental Crime Scene Investigation (ECSI)** Campers will be trained as forensic scientists and attempt to solve a mystery behind an environmental crime. **\$160**

## **Week 5 - July 14-18, 2025**

### **2<sup>nd</sup> -4<sup>th</sup> 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. **\$135**

### **3<sup>rd</sup> – 5<sup>th</sup> 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. **\$135**

**Critter Camp – Birds** In honor of Denton's recent designations as a Bird City. The Critter Camp series will focus on birds. This camp will focus on the physical and behavioral adaptations that allow those creature to dominate the sky and to thrive even in urban environments **\$135**

### **6<sup>th</sup>- 8<sup>th</sup> Grade**

**Eco-Tech** – Engineers make things work! Test your communication skill and creativity with small group problem solving challenges using recycled material. **\$160**