

Zoo Knoxville Homeschool Academy

Fall Semester 2024

Weekly Classes



Cost: Zoo Annual Pass or Circle of Friends membership is required to attend class. Both the student(s) and whoever brings the student(s) to class must either pay admission or have an annual pass. Visit zooknoxville.org to purchase an annual pass or Circle of Friends membership.

Pre-K	\$79 for semester (one parent must attend with student, no other children allowed)
K-2 nd grade	\$79 for semester
3-5 th and 6 th -8 th	\$99 for semester

Transfer fee from one weekly class to another: \$10. Cancellations: More than 28 days before start of semester: 2/3 refund. 28-15 days: 1/3 refund. 14 days or less: no refund. Prices subject to change without notice.

Registration: Online registration for new families starts April 19th.

Advance registration is required. Registration is online at zooknoxville.org! Registration and payment must be received at least two business days before students can start attending class. **Register by August 11th to be able to attend the full semester. Registration stays open during the semester and is discounted halfway through the semester. Most classes fill before the semester starts.**

Schedule: Register each child for one class per week. Classes occur weekly from Aug 13th-Nov 13th except the weeks of Oct 1st and 8th there will not be classes.

Tuesdays:

Class Start Time	PreK* (1 hour)	K-2 (1 hour)	3rd-5th (1.5 hours)	6th-9th (1.5 hours)
9:45 AM	Ms. Louise (Foundation)	Ms. Amanda (ARCC) or Ms. Kelsey (Log Cabin)		
12:15 PM		Ms. Louise (Foundation)	Ms. Amanda (ARCC)	6 th -7 th Mr. Tucker (Log Cabin)
2:15 PM		Ms. Louise (Foundation)	Mr. Tucker (Log Cabin)	8 th -9 th Ms. Amanda (ARCC)

Wednesdays:

Class Start Time	PreK* (1 hour)	K-2 (1 hour)	3rd-5th (1.5 hours)	6th-8th (1.5 hours)
9:45 AM	Ms. Kelsey (Log Cabin)	Ms. Amanda (Foundation)	Ms. Marley (ARCC)	
12:15 PM		Mr. Tucker (Log Cabin)	Ms. Marley (ARCC)	Ms. Amanda (Foundation)
2:15 PM		Mr. Tucker (Foundation)	Ms. Amanda (ARCC)	

* Pre-K: one adult must attend with student, other non-registered siblings are not permitted in class

**Class instructors may change throughout the semester as needed

Zoo Knoxville offers a wide variety of weekly science classes for homeschool students from Kindergarten through 8th grade. These classes are split up into four groups, Pre-K, K-2nd grade, 3rd-5th grade, and 6th-8th grade. During these classes students will cover 4 to 5 units in a variety of sciences. Each unit will have an introductory class and two classes that are more hands-on building from the first week and applying concepts to the plants and animals found in Zoo Knoxville. Students attend one class a week and families can choose which class time suits their schedule, depending on availability.

Zoo Knoxville Weekly Homeschool Class Schedule Fall 2024

Aug 13 th -14 th	Introduction to the Homeschool Academy and Intro to Chemistry Students will learn the different states of matter and be able to describe how they interact.
Aug 20 th - 21 st	Chemistry: Acids and Bases Students will learn how to identify if a substance is an acid or a base. Students will also learn importance of pH and how to test the pH of different liquids.
Aug 27 th -28 th	Chemistry: Chemistry in Everyday Life Students will learn how chemistry is used in everyday life and perform experiments using everyday materials.
Sept 3 rd -4 th	Microbiology: Intro to Microbiology Students will discover evidence that cells have structural similarities and differences across organisms. They will be able to describe the basic parts of plant and animal cells.
Sept 10 th - 11 th	Microbiology: Cells and Bacteria Students will be able to understand how cells can burst, learn how to identify bacterial colonies, and observe microorganisms using magnifying lenses and microscopes.
Sept 17 th -18 th	Anatomy: Plants and Animals Students will be able to identify different parts of a plant and animal. Students will learn how their unique anatomy helps plants and animals survive in their environment.
Sept 24 th -25 th	Anatomy: Predator vs Prey Students will be able to identify the main differences between carnivores and herbivores. They will learn why these animals are important to an ecosystem and their adaptations.
Oct 1 st – 2 nd	FALL BREAK: NO CLASSES
Oct 8 th -9 th	FALL BREAK: NO CLASSES
Oct 15 th -16 th	Anatomy: All About Tracks In this class students learn the importance of tracking and practice identifying animals by examining the tracks and signs they leave behind.
Oct 22 nd -23 rd	Anatomy: Tracking Field Trip (Tommy Schumpert)
Oct 29 th -30 th	Engineering: Biomimicry Students will understand the significance of engineering design in the natural world. Students will also understand and observe the principles of flight.
Nov 5 th -6 th	Engineering: Problem Solving In this class students will learn the engineering process and apply it to various problem solving activities. Students will also learn about problem solvers in the animal kingdom.
Nov 12 th -13 th	Engineering: Build It! Students will use the engineering process and critical thinking skills to design and build things.