INTRODUCTORY TOURS

Juneberry Ridge Educational Foundation offers tours for school groups, homeschool groups, & other educational institutions. Juneberry LLC is our living classroom to provide introductory tours/immersive experiences.

Current Policies/Requirements:

- FREE tours are 2 hours or less AND groups of 60 or less.
  - If the needs of your group do not fit the above requirements, you can add stations for $75/hour over the 2-hour limit.
- All participants must wear closed-toed shoes.
- Each student will need a signed field trip form sent to the educator when confirming the date.
- Educators will be asked to complete an evaluation after the tour so that we can improve our tour process.

Tour Options

Each of these tour options can be combined with other tours. Most tours have a maximum size of 30 students. If your group is larger, you will need multiple tours for station rotations. The first 2 hours of tours are FREE! Anything above 2 hours is $75/hour. Our tours work best in 1-hour rotations. To make the edible landscaping/wildlife tours a full hour rotation, it works great to add a hike (applies concepts) or combine edible landscaping and wildlife into one full-hour rotation.

Tour name	Topics	Learning Objectives	Duration/Additional Info
Aquaponic Greenhouse Tour	Aquaponic systems including raising fish, growing lettuce and herbs, and how these ecosystems work together	Students will be able to ○ Compare different methods of growing plants and fish. ○ Distinguish how ecosystems of plants and animals need each other. ○ Identify how lettuce, herbs, and fish can be grown for culinary purposes.	**Duration**: 1 hour **Maximum group size**: 30 **Restrictions:** ○ 3rd Grade and older ○ Must wear closed-toe shoes and provided hair/beard guards
Regenerative Agriculture with Livestock	Regenerative agriculture including soil health, importance, and the animals we are raising to improve soil health at Juneberry	Students will be able to ○ Define regenerative agriculture and explain how it improves our land. ○ Identify different livestock animals and what impact they provide. ○ Explain the importance of soil health to agriculture and the future world.	**Duration:** 1 hour **Maximum group size:** 30 **Restrictions:** ○ Must wear closed-toe shoes
Plant Nursery/ Gardening	Basic plant needs, native VS nonnative, plant identification and uses, seeding process, growing in a traditional	Students will be able to ○ Compare different methods of growing plants including traditional gardening, aquatic plants, and container gardening.	**Duration:** 1 hour **Maximum group size:** 30 **Restrictions:** ○ Must wear closed-toe shoes

	garden plus other plant growing methods, & how plants benefit ecosystems	○ Determine why plants are needed and how we can take care of them to benefit our ecosystem. ○ Identify different plants and their uses. ○ Perform plant reproduction.	
Edible Landscape	Edible, Herbal, Medicinal, and other beneficial plants and their uses, native VS nonnative, plant identification using their senses.	Students will be able to ○ Compare different uses for plants that can be grown in the landscape. ○ Determine why plants are needed and how we can take care of them to benefit the ecosystem. ○ Identify different plants and their uses.	**Duration:** 30 minutes **Maximum group size:** 30 **Restrictions:** ○ Must wear closed-toe shoes ○ Please check for allergies as students may touch, see & smell plants.
Wildlife	Wildlife VS Livestock basics, North Carolina wildlife, comparing pelts & skulls of wildlife, pros and cons of different wildlife, and wildlife interactions in their ecosystems.	Students will be able to ○ Compare different families, eating categories and species of wildlife from weasels to wild dogs to deer to turtles. ○ Determine why wildlife are beneficial and how we can take care of them to benefit our ecosystem. ○ Identify different wildlife animals and signs of their presence.	**Duration:** 30 minutes **Maximum group size:** 30 **Other Benefits:** Students may touch some pelts. Easily combine with a hike for wildlife tracking experience.
Hiking/Trail Building	Trail safety and first aid kits, hiking path difficulty, and hiking for healthy habits.	Students will be able to ○ Compare different hiking paths. ○ Determine why safety is important on trails and how they should stay safe including carrying a first aid kit. ○ Hike a trail to enhance healthy habits	**Duration:** ranges from 15-minute easy trail to 2-hour intense trail building. **Restrictions:** ○ Must wear closed-toe shoes **Other benefits:** Combines easily with Edible Landscape or Wildlife Tours to make 1-hour rotations & enhance concepts by foraging in the landscape or tracking wildlife.

Add-On Options
You may add any of these options to tours. The Aquaponic Harvesting Experience is only added on if you do the Aquaponic Greenhouse Tour. Areas for picnic lunch can be added for any tours.

Title	Additional Information	Price
Aquaponic Harvesting Experience	**Learning Objective:** Students will be able to explain correct harvesting procedures to protect food safety and how they should maintain their own harvested crop. **Take Home Item(s):** Packaged head of lettuce, herbs, or edible flowers depending on availability (you may submit a preference).	$3/person **Restrictions:** o Groups of 30 or less o 3rd Grade and older o Must wear closed-toe shoes and provided hair/beard guards
Picnic Shelter for bringing your own lunch	Covered picnic shelter area with 6 picnic tables and sits 30-40 people. Also includes other outdoor spaces that can hold up to 100 people but do not have cover or tables (sitting on the grass or sidewalk). DOES NOT INCLUDE FOOD, JUST SEATING AREA.	Free with tour. **Restrictions:** o Seating for 30 – 40 o 6 picnic tables
Indoor meeting space for bringing your own lunch	Indoor loft with fold out tables and chairs that can accommodate up to 100 people. DOES NOT INCLUDE FOOD, JUST SEATING AREA.	Free with tour. **Restrictions:** o Seating for up to 100 o Fold out tables and chairs
Covered Area for bringing your own lunch	5-Stand Venue is covered and can be enclosed upon request. Indoor area comfortably seats 50 people. Indoor and outdoor areas can seat 60-75 people. DOES NOT INCLUDE FOOD.	$100/hour **Restrictions:** o 50 inside seats (more outside) o Max size of 75 people o Must drive to venue
Indoor Dining for bringing your own lunch	The Conference Center is our fine dining area. Round tables with linens provided in climate-controlled venue. Also has a screen and canny board that can be added upon request. Maximum capacity of 75 people. DOES NOT INCLUDE FOOD.	$200/hour **Restrictions:** o 75 seats o Max size of 75 people o Must drive to venue

Immersive Tours for High School AP, College, or Adult Learners

Each of these immersive tours goes over the basic concepts but adds hands-on activities, experiences, and learning opportunities about the living labs.

Tour name	Topics	Learning Objectives	Duration/Additional Info
Aquaponic Living Lab Intensive	Aquaponic system basics including raising fish, growing lettuce and herbs, and how these ecosystems work together. Additional troubleshooting of real problems including calculating the volume of fish tanks and how many fish can be in the system, measuring and correcting pH, and comparing different methods of fish production.	Students will be able to o Compare different methods of growing plants and fish (aquaponics, hydroponics, & aquaculture). o Distinguish how ecosystems of plants and animals need each other. o Identify how lettuce, herbs, and fish can be grown for culinary purposes. o Solve real-life problems in aquaponics systems with critical thinking skills. o Explain measuring, volume, pH, and other core topics and how they can be applied in aquaponic careers.	**Cost:** $100/group **Duration**: 2 hours **Maximum group size**: 30 **Restrictions:** o More suitable for High School students or older o Must wear closed-toe shoes and provided hair/beard guards
Soil Living Lab Intensive	This on-farm workshop offers an intensive look at the characteristics and maintenance of soil, including soil health and regenerative soil management. You will see heavy equipment operation, discover soil profiles and texture, and learn how livestock and poultry help improve the quality of soil.	Students will be able to o Compare different soil profiles, textures, and characteristics that determine health of the soil. o Identify heavy equipment and what it is used for in soil regeneration. o Explain how animals can improve the quality of the soil through regenerative agriculture practices. o Apply core topics of math and science to solve problems and real-world applications.	**Cost:** $100/group **Duration**: 2 hours **Maximum group size**: 30 **Restrictions:** o More suitable for High School students or older o Must wear closed-toe shoes