Resources
Let us help you teach! URI 4-H educational kits are designed to provide instructors with all the necessary materials and to quickly learn and teach new hands-on activities.

Kits contain enough materials for 20 youth. Some kits may require you to provide supplemental supplies. Go to uri.edu/4h to learn more and request a kit.

Animal & Veterinary Science Kits

Animal Science Learning Lab Kits from Ohio 4-H are your answer for species-specific, hands-on learning. Use for teaching and evaluating knowledge of livestock and companion animals.

Poultry · Goat · Dairy · Rabbit · Horse · Sheep · Beef · Dog

Embryology Classroom Hatching Kit

Develop an understanding of biology through direct experience with living organisms, life cycles and habitat. Students will learn about chicken eggs, incubate fertilized eggs, and hatch live chicks! Each activity correlates to U.S. National Science Education Standards.

Plant Science

Learn how to sprout seeds, grow terraria, identify plant structures and species, read tree cookies, and more. Take home your plant science projects and continue becoming a master horticulturist!

In Rhode Island, 4-H is the Youth Development Program of the University of Rhode Island, College of the Environment & Life Sciences, Cooperative Extension. Participation in the 4-H Program is open to all interested youth, regardless of race, color, sex or preference, religion, creed, national origin, or disability, between the ages of 5 and 19 across Rhode Island.
**Edible Science Kit**

This kit takes a look at the chemistry involved in creating food. All experiments culminate in a tasty treat! Example activity: making ice cream to explore endothermic energy transfer.

**Indoor Engineering**

Learn the fundamental principles of engineering through fun group challenges. Create marshmallow catapults, spaghetti towers, rockets, and more! All activities are designed for indoor classroom use.

**Outdoor Engineering**

Investigate surface tension, friction, and other principles of physics and engineering. Group challenges engage students in the engineering design process and allow them to design, create, build, and test their creations. Activities include creating bubbles, launching rockets, constructing wind turbines, designing hot air balloons, and flying drones! All activities are intended for outdoor use.

**Robotics**

Students learn about motion, friction, electricity, and more while they create their own robots! Youth will design robots to serve various purposes and solve different challenges. From moving arms, to programmable LEGO machines, to electric motors, students will engage in hands-on creation.

**Magic of Science** (Cloverbud)

Explore the realms of electricity, potion making, and history through this magic-themed hands-on kit. This kit is made up of a series of arts and crafts activities that are perfect for younger students.

**Jack of All Trades** (Cloverbud)

Explore a world of interests through the multiple activities and focuses of this kit. Geared toward younger participants, this kit includes projects in science, engineering, planting, and art and

**Fine Arts**

This kit provides introductory lessons, techniques and materials for students in engage in drawing, painting and other fine arts.

**Photography**

Step up your selfie game by mastering the fundamentals of photography. Explore lighting, composition, contrast and other key elements photography.

**Life Skills**

This kit teaches students a variety of skills to foster independence, critical thinking, and resourcefulness. Students will learn about child care, finances, community, and leadership to become well-rounded citizens and capable adults.