Arapahoe County 4-H School and Community Programs

What do we do?

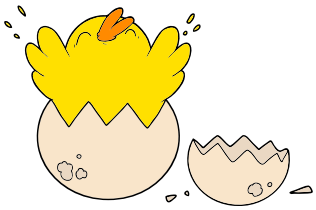
4-H is youth organization that focuses on hands-on learning and education. 4-H provides programming for youth to build skills like responsibility, resiliency and hard work, which help them succeed in life.

The 4-H Youth Development School and Community Program is a collaborative effort between Colorado State University Extension, local schools, and community centers. The focus of the program is to provide in-school and after-school programs with experiential-based curriculum. We offer a variety of programs meeting state and national standards designed to give students hands-on learning experiences. They will develop valuable skills with lifelong benefits while participating in fun, exciting programs.

Mad Science

This program engages participants in several fun hands-on science experiments and observations. The beauty of our experiments are that most are composed of household items, making it easy for youth to recreate the experiment at home to share with friends and family. Building their own lava lamps, robots, slime and volcanoes - these are just a few of the fun things that our scientists will be doing!

Embryology



Science comes alive with the 4-H Embryology program. For 21 days youth will watch and wait for the chicks to develop and hatch. Through this program they will learn the parts of the egg, observation skill, and life cycles. 4-H staff will teach them how the chicks develop, candle the eggs so the students can view the embryos'progress, and lead egg science experiments. Egg incubation supplies, hatching equipment, and extra curriculum resources will be provided. Bring the miracle of life to your school today!

Energy in the Classroom

We are never too young to learn about energy. CSU Extension and 4-H have formulated a Clean Energy Curriculum specifically for elementary school youth in grades 3-5. Youth learn the definition of energy, the importance of energy, and the various uses of energy, and environmental impacts. The curriculum is fun, inquiry-based, hands-on, specific to Colorado, and aligned to state standards in science and math.

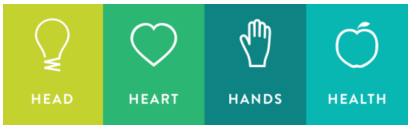
Pollinators

We all know that pollinators are a critical part of the ecosystem. This program, available in the spring, will help children grades P-5 identify the most common pollinators, understand their importance and identify some of the plants that nurture pollinators in our area. Each program has both an instructional element and an activity to help children remember the information presented. To have a Colorado Master Gardener present to your class, please contact us!

Gardening

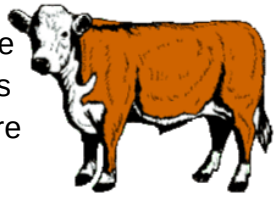
Does your school have a garden? This program provides hands-on educational opportunities that help students discover the wonders of plants. What do plants need to grow? What are the life cycles of plants? What are the parts of a plant? What do different fruits and vegetables taste like? These are some of the questions that we will explore with this program that makes the garden come alive!

4-H Sampler



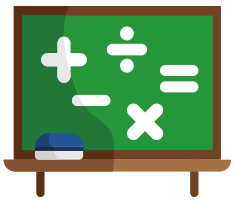
This program provides students with a chance to experience a taste of what 4-H has to offer. Activities range from cooking to robotics in short term sessions or workshops. Participants will be able to explore several different 4-H project areas. This unit is wide ranging can be tailored to meet the needs of the group. Learn more about the various projects 4-H has to offer at - www.co4h.colostate.edu/resources/projectlist.pdf

Ag in the Classroom



Where does your food come from? Youth will answer this question as they learn where and how meat animals are raised and handled, their life cycles, and what kind of foods and products they provide. This program also includes a short history of agriculture in Colorado, and what the industry looks like today.

Math Mania



Math Mania is a fun skills building hour of activities that build and reinforce math concepts such as measuring, counting, and practical everyday uses for math. Students participate in hands-on activities which increase their excitement and engagement in math. Math mania also includes information about careers that utilize math. This program is great for getting your students pumped up about math!

Customize Your Program

We have a variety of options to choose from to help customize a program that best fits your needs. Below is a list of just some of the possibilities:

- Adulting 101
- Ag in the Classroom
- Arts & Crafts
- Career Fairs
- Career Readiness
- Civics
- Chemistry
- College Readiness
- Composting
- Cooking
- Energy
- Embryology
- Entomology/Pollinators
- Expressive Arts
- Finances
- Food Fun
- Gardening
- Health & Nutrition
- Career Fairs
- Leadership Training
- Life Science
- Livestock Education
- Math Mania
- Nautre/Outdoors
- Public Speaking
- Robotics
- Sewing
- Soil Science
- STEM
- Weather
- Wildlife
- Youth Entrepreneurship

Schedule your program today!

Visit the Arapahoe County Extension website at: https://arapahoe.extension.colostate.edu/

Select the 4-H tab, then click on 4-H School & Community Programs.

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ARAPAHOE COUNTY
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EXTENSION

Extension Programs are available to all without discrimination. If you need special accommodation(s) to participate in the event listed, please contact Claudia Meeks at cmeeks@arapahoegov.com or 303-730-1920. Your request must be submitted at least 10 days in advance of the event.