

# ARAPAHOE COUNTY 4-H EMBRYOLOGY

Bringing the life cycle to life in your classroom

Updated August 2024



## The 4-H Embryology Program

Gives students the opportunity to learn about chickens, eggs, and embryonic development through observation of the egg hatching process. It provides a great way for students to observe the development of life in just three weeks. Lessons are designed to build student math, science, and language arts skills. We have several different opportunities for your students to engage with this program.

## KITS

Embryology Kits empower and equip teachers to develop a unique program specific to their classroom in a flexible lesson plan timeline at an affordable price. All kits must be retrieved from and returned to the CSU Extension Arapahoe County office by the teacher/partner. Partners are asked to agree to terms and conditions of kit rental.

### **Embryology for Teachers - Premium Kit**

**Price \$85**

For teachers new to embryology or seeking an advanced program, this kit provides everything needed to develop a program specific to each classroom. The kit includes digital incubator, brooder (with feed and shavings), candler, a teacher's curriculum toolkit (with setup instructions, FAQ, student handouts, lesson plans, access to training videos and evaluations) and a classroom poster. Teachers are responsible for egg pick up and chick drop off at the CSU Extension Arapahoe County office in Centennial.

Additional kits are available for additional rental fees, depending on availability.

**Virtual lessons and activities are also available for teachers to utilize.**

#### **Kit Includes:**

Digital Incubator

Brooder

Candler

Water/feed containers

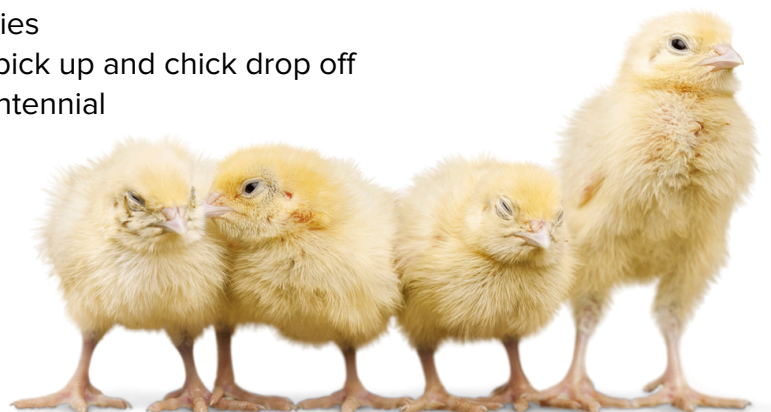
Feed and pine shavings

Teacher Curriculum Toolkit

Lesson plan supplies

Coordinated egg pick up and chick drop off at our office in Centennial

Additional incubator kit cost - \$85



## PROGRAMMING

Programming provided by CSU Extension Arapahoe County educators brings an embryology expert into the classroom to teach students the life cycle of a chick through fun hands-on activities and interactive dialogue. Extension educators visit the classroom on specific dates as scheduled with the teacher. Partners are asked to agree to the terms and conditions of programming to ensure high quality and effective education.

### **Introduction to Embryology In-school Program**

**Price \$130**

To enhance student learning and provide expert embryology instruction, teachers can schedule an Extension educator to visit the classroom. This package includes one Premium Embryology kit delivered to the school as well as two instructional visits from Extension staff. Extension staff will coordinate chick pick up at the school or our office. Additional kits are available for additional rental fees, depending on availability.

#### **Introduction to Embryology Programming includes:**

Two classroom instructional visits (Introduction and Candling)

Digital Incubator

Brooder

Candler

Water/feed containers

Feed and pine shavings

Teacher Curriculum Toolkit

Lesson plan supplies

Coordinated chick pick up at the school or at our office in Centennial

Additional incubator kit cost - \$85

#### **A la Carte Options**

Incubator Rental

Price \$60

Brooder equipment

Price \$15 each

**In-School Embryology Program**

**Price \$70**

**Programming with school/partner owned incubator**

(includes one dozen fertilized eggs, brooder equipment, lesson supplies, two classroom visits, and coordinated chick pick up from school or drop off at our office in Centennial)

*We are no longer able to supply eggs to schools who are not part of our in-school or kit rental program. We are happy to provide a list of farms and hatcheries who may be able to provide eggs. We cannot rehome any chicks not part of our program or kits.*



**COLORADO STATE UNIVERSITY  
EXTENSION**



For more information on kits or programs contact:

Claudia Meeks  
4-H Outreach Program Supervisor  
cmeeks@arapahoegov.com  
303-738-7977

Kits and programs MUST be requested 30 days in advance.  
To make a request for a kit or program:

Visit our School and Community Programs web page at  
<https://arapahoe.extension.colostate.edu/4-h-youth-development/4-h-school-community-programs/>  
Select the "Submit an Embryology Request" button.

*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 303-738-7977 Your request must be submitted at least 10 days in advance of the event.*