

# 4-H In School

## Teacher Programming Guide



**Description:** 4-H Embryology provides teachers with the opportunity to hatch chicks in their classrooms! We provide equipment and a curriculum to guide your class through the 21-day hatching process. This is an immersive project that can cover nearly every subject!

**Time Needed:** 1 month

**Target Audience:** Elementary-Middle; open to all grade levels

**Educational Standards:** Multiple across subjects

**Availability:** Spring



**Description:** Is your school interested in creating a school garden? Does your school already have one that needs a little help? Looking for activities to do in a garden or other natural area? Work with the Florida Master Gardener volunteers to make your garden a great place to work, grow, teach, learn, read, and relax.

**Time Needed:** Varies - can be offered in class or after school

**Target Audience:** All grade levels

**Educational Standards:** Multiple across subjects

**Availability:** Year-round



**Description:** Curious about growing plants without soil? With a classroom hydroponics project, your students will explore how plants grow using only water and nutrients. This program brings science to life, teaching lessons in agriculture, sustainability, and healthy living.

**Time Needed:** 1-2 months

**Target Audience:** All grade levels

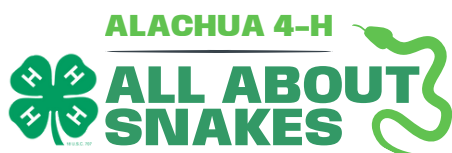
**Educational Standards:** SC.K.L.14, SC.1.L.14, SC.1.L.17, SC.2.L.14, SC.2.L.17, SC.3.L.14, SC.3.L.17, SC.4.L.17, SC.5.L.14, SC.5.L.17, SC.6.L.14, SC.7.L.17, SC.8.L.18, SC.912.L.14, SC.912.L.17

**Availability:** Fall



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**Description:** Get ready to slither into the fascinating world of snakes! From diverse species and cool adaptations to conservation efforts and staying safe. Discover the snakes commonly found in your area and learn how to identify them.

**Time Needed:** 30-120 minutes, 1-3 sessions

**Target Audience:** All grade levels

**Educational Standards:** SC.K-912.L.14-19

**Availability:** Year-round



**Description:** Do you know where your drinking water comes from? With this interactive landscape model, your class will get hands-on experience learning about how different types of pollution on land can affect the aquifer, the source of our drinking water!

**Time Needed:** 30-60 minutes

**Target Audience:** All grade levels

**Educational Standards:** SC.4.E.6.2-3,6, SC.5.E.7.1-2, SC.6.E.6.1-2, SC.6.E.7.4, SC.7.E.6.6, SC.912.E.7.3, SC.6.N.1.4, SC.7.N.1.5, SC.8.N.4.1, SC.8.N.1.2, SC.8.N.1.4, ELA.K12.EE.1.1, ELA.K12.EE.1.1

**Availability:** Year-round



**Description:** Learn about how different organisms have developed and changed over millions of years through evolution. Make learning more fun with a variety of activities, including books, coloring and activity pages, and more!

**Time Needed:** 30-60 minutes

**Target Audience:** All grade levels

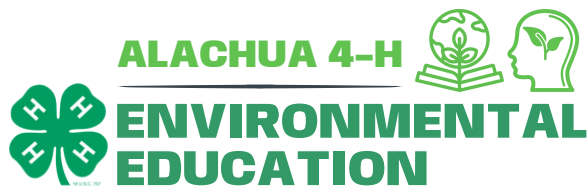
**Educational Standards:** SC.K-912.L.14-19.1-8, SC.K-912.N.1-4.1-7

**Availability:** Year-round



# 4-H *In School*

## Teacher Programming Guide



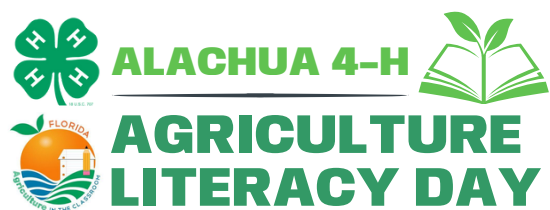
**Description:** Calling all curious minds! Jump into the wild world of nature and the environment with some super fun educational activities. Check out activities from Project Learning Tree, Project WILD, and Aquatic WILD. These programs pack a punch, covering all the bases from Science to Math to Language Arts. Get ready to explore!

**Time Needed:** 30-60 minutes

**Target Audience:** All grade levels

**Educational Standards:** Multiple across subjects

**Availability:** Year-round



**Description:** During Ag Literacy Day, volunteers visit your classroom to read an engaging agriculture-themed book and lead a short activity with your students. This program helps youth connect with the world of agriculture while building literacy skills.

**Time Needed:** 30 minutes

**Target Audience:** K-5

**Educational Standards:** Multiple across subjects

**Availability:** Fall during Farm-City Week

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**Description:** Public speaking is one of the most useful skills to have and yet, it is one of the top phobias in America. We make public speaking easy by hosting classroom and school speech contests for your students. This program is sponsored by Florida Power and Light.

**Time Needed:** 1 hour introductory workshop; 1 day classroom contest

**Target Audience:** Grades 4-6

**Educational Standards:** ELA.4/5/6.C.1, ELA.4/5/6.C.2, ELA.4/5/6.C.3, ELA.4/5/6.C.4, ELA.4/5/6.C.5, HE.4/5/6.R.2, HE.4/5/6.R.4

**Availability:** Fall



**Description:** One of the most common fears in the U.S. is public speaking. Youth will have the opportunity to learn about Improv and how it can be used in everyday life. We will play different games and exercises to help build improv skills, which may surprise you as being several 4-H Life Skills as well. This program works well in conjunction with Public Speaking or as a standalone program.

**Time Needed:** 1-2 hours

**Target Audience:** 7-12

**Educational Standards:** TH.68-912.C/S/O/H/F.1-4.1-8

**Availability:** Year-round

For more information, contact Jesse Price at [jprice@alachuacounty.us](mailto:jprice@alachuacounty.us)  
To register, visit [tinyurl.com/Alachua4-HInSchool](https://tinyurl.com/Alachua4-HInSchool)

