



**Saratoga County**  
**4-H School Outreach**  
 Learning by Doing  
**4-H ADDITIONS**

Elementary School Enrichment Programming Catalog

**School Year 2023 - 2024**

ALL programs are interactive and hands-on!

**TRY THESE TWO PROGRAMS IN THE SAME WEEK!**

Great on their own (\$35) ... Better together. **\$60**

**Label Literacy**  
**1/3-2/29**

*Julie Curren, Educator*

Empower students with label reading knowledge! "MyPlate" review, label introduction. Food label scavenger hunt allows for practice of new skills.

**1 class per program**

**Grades 3-6**

**\$35 per class**

**Think Your Drink**  
**1/3 - 2/29**

*Julie Curren, Educator*

Drink nutrition facts label introduction. Small group activity identifies how much sugar is in popular drinks. Practice comparing drinks by labels. Optional activity—Kids Create a Healthier Drink.

**1 class per program**

**Grades 3-6**

(confirm optional activity with reg.) **\$35 per class**

Choose **MyPlate**.gov

**Eat a Rainbow**

**11/1 -12/20**

*Julie Curren, Educator*

"MyPlate" discussion and game. Eat a Rainbow BINGO.

**1 class per program**

**Grades 1-3**



# Mission to Mars

## 3 program series

11/1—1/30

Julie Curren, Educator

The **4-H Mission to Mars** Program series connects classrooms to NASA. The series builds knowledge over 3-1 hour programs, to give children a good picture of space exploration, technology, engineering and good old “Perseverance”!

1 class per program

Grades 3-6

\$100 for 3 class series

### Program 1 Mars? Why Mars?

Group discussion of our Solar System, compare Mars to Earth and get an understanding of why we are exploring there. Students figure out how much they **weigh on Mars** and understand the implications of differences in atmosphere and orbit. A **Mars Learning Booklet** and Classroom Solar System Mobile Template are left behind.

### Program 2 All of the Robots

A history of the exploration of Mars, a visual discussion and comparison of the machinery the USA has sent to Mars and the progression of the technology up to present. Students will engineer and test their own **paper helicopter**.

### Program 3 Prepare for Landing!

Discover the difficulties of landing on Mars and how the engineers meet that challenge. Students get a chance to **land on Mars** in a classroom game and see a realistic Lego model of the Perseverance Rover.



## Rockets Away!

**4/1 - 5/21**

*Julie Curren, Educator*



Learn the basics of flight. Engineer and launch a NASA Soda Straw Rocket during the program. Students get a stainless steel reusable straw to keep!

**1 class per program**

**Grades 3-6**

**(Grade 3 program—allow 1 hour and 15 min)**

**Excellent companion to the Mars Series**

## Power of Pollinators

**3/1 – 4/19**

*Julie Curren, Educator*

Pollinator identification and game. Children play “Buzzy Bee” game to discover the importance of pollinators to our food supply.

**1 class per program**

**Grades 1-3**

**\$35 per class**

## Monarchs in the Classroom

**9/2024**

*Julie Curren, Educator*

Monarch life cycle, migration and conservation. Get larva to raise in your classroom (nature permitting). ***Register NOW for Next Fall***

**2 classes per program**

**Grades 1-5**

**1 class per program**

**Kindergarten**

**\$35 per class**

## Birds in Your Backyard

1/5 - 2/29

Julie Curren, Educator

Interactive intro to bird basics. Students become more familiar with common backyard birds while playing Bird Song BINGO. Connect to Cornell's Lab of Ornithology's bird cams and be a citizen scientist by participating in the Great Backyard Bird Count!

1 class per program

Grades -K

or 1-2

or 3-6

\$35 per class

## On Your Own

### Life of an Apple STEAM Unit Kit

Grades: 1st-3rd

Available anytime for 4 week loan

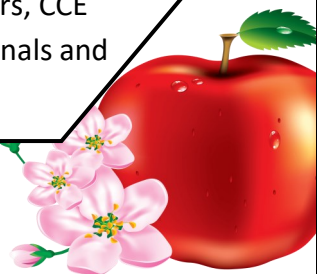
Videos created by **local** Farmers, CCE Saratoga Agriculture Professionals and a **local** Bee Keeper

## Videos

- Seasons of An Apple Tree
- Honey Bees and Bee Keeping

### STEAM Activities and Lessons including:

- Scientific observation of an apple.
- Venn diagram and graph activities
- Anatomy of a Honey Bee
- Parts of a Flower
- Create Your Own Pollinator activity...



# NEW for 2023!!

## Ozobot Missions

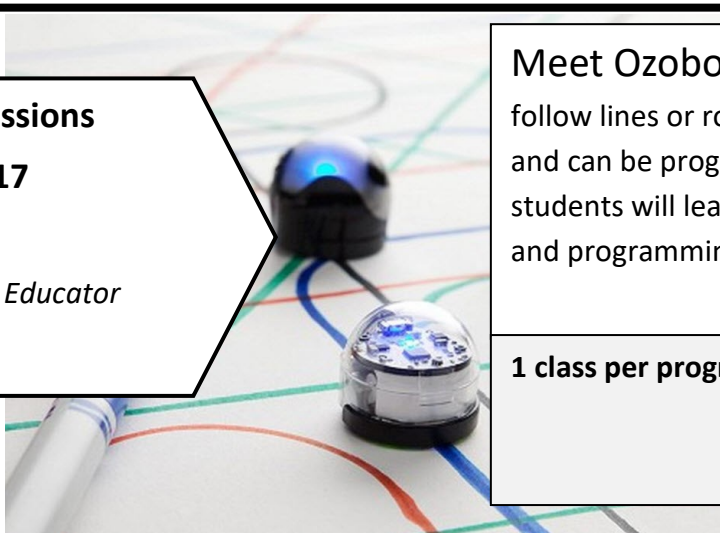
10/5 -11/17

Julie Curren, Educator

Meet Ozobot! Ozobot is a smart robot that can follow lines or roam around freely, detect colors, and can be programmed using visual codes. Your students will learn hands-on about robotics, math and programming.

1 class per program

Grades K-2



### Bluebirds in NY Workshop

**3/12 10am – 12pm**

**Live in-person field trip workshop  
at the 4-H Training Center**

*Julie Curren and Greg Stevens, Educators*



“Walk “ the Bluebird Trail **at the 4-H Training Center**, watch a Bluebird Basics movie, and build a bluebird nest box to keep. Three (3) nest box kits included with the program!

**Curriculum extensions supplied      Grades 2-6**  
**(Adult helpers needed)    \$35 per class**  
*Additional nest box kits \$15 each*

### Incubation and Embryology

**Session 1 - 2/26 -3/21**

**Session 2 - 4/15-5/9**

*Rylie Lear McLenithan, Educator*

**Session 1 – Pick up 2/26 @3:30-5pm**

**Session 2 – Pick up 4/15 @3:30-5pm**

#### FEES:

- \$20 deposit for incubator
  - \$30 non-refundable service fee
  - \$10 per dozen for eggs
- OR**
- \$12 per dozen for eggs only



This program provides an opportunity for students to experience the incubation, development, hatching and brooding of chicks.

### 4-H Environmental Field Day

**Wednesday May 8 , 2024**

**3rd-6th grade**

A day of trees, water, plants, soil and native animals. Children learn about our interdependence with the environment. Naturalists, forestry and environmental conservation professionals...

*\$3 per child*



**4-H Field Days is held out of doors at the 4-H Training Center**

**Middle Line Rd, Ballston Spa**

**10am-12:30pm**



### 4-H Agriculture Field Day

**Tuesday May 14, 2024**

**1st-3rd grade**

Children get a close up look at animals, food and daily agricultural life. Experts present live animals, fibers and other aspects of farming. Sheep, bees, horses, maple and more...

*\$3 per child*