

READY-SET-DOUGH

Available: Year-round (Mon.-Wed. only)

Cost: \$2.50 per student

During this 90-minute lab, your students will roll up their sleeves and tie on aprons to measure, mix, and knead their own loaves of honey wheat bread dough. Throughout the experience, they'll think like "scientists," as they learn how ingredients are combined in the kitchen "laboratory" to create recipes where each component plays an important role. The 4-H staff bakes the loaves and returns them the next day packed to go home. Students should arrive with hands washed. Two or three long rectangular tables placed end to end provide the best work space.

Grades
2-5

READY-SET-CINNAMON BREAD

Available: Year-round (Mon.-Wed. only)

Cost: \$3 per student

This 90-minute lab is limited to schools in which a younger grade level is already doing Read-Set-Dough. This slightly more advanced session will engage your students in the same bread-making process with with the added challenges of using rolling pins and making/spreading filling to create loaves of cinnamon swirl bread. The origin of cinnamon will also be discussed. The 4-H staff bakes the loaves and returns them the next day packed to go home. Students should arrive with hands washed. Two or three long rectangular tables placed end-to-end provide the best work space.

Grades
4-5



TO REGISTER...

Call 262-741-4959 or email deborah.harris@wisc.edu to schedule your lab. If multiple classrooms in your building plan to participate, please coordinate your date/times before you reach out.

Once your lab has been scheduled, complete and submit the registration form. Do **NOT** send payment until you have been invoiced.

Note that lab availability is limited based on staff capacity.



UW-Madison Division of Extension is an EEO/AA institution committed to diversity among its employees and in its programs. Submit requests for reasonable accommodations at least two weeks before the scheduled lab date.

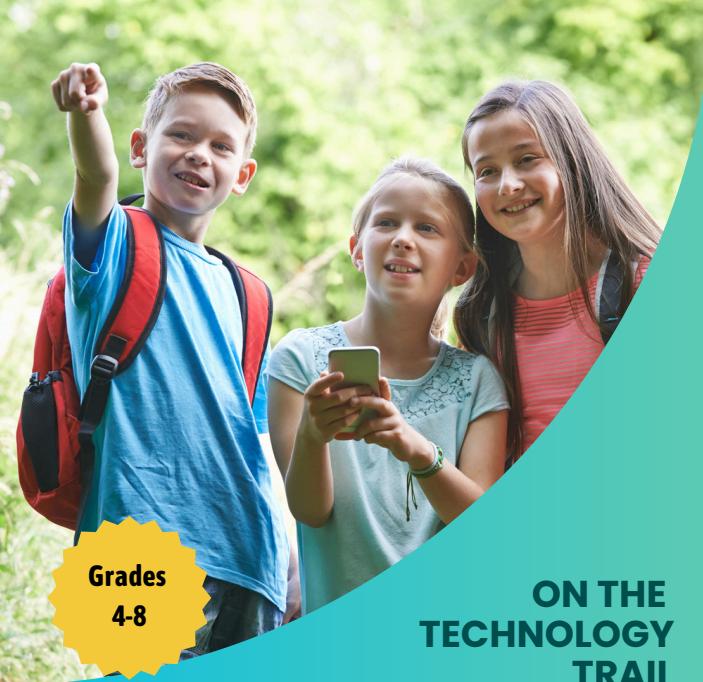
4-H is a positive youth development program of UW-Madison Division of Extension.



WALWORTH COUNTY 4-H SCIENCE LABS 2024-2025



Connecting Classrooms with
the Clover



**Grades
4-8**

ON THE TECHNOLOGY TRAIL

Available: Mid-April thru mid-November

Cost: \$30 per classroom

Using basic GPS navigational skills, students will complete a fun simulated geocaching experience right in your schoolyard. This is a two-part program which can be conducted as two 50-minute sessions or one 100-minute session. Part #1 focuses on how GPS works, a variety of real world applications, and includes instruction for using simple handheld GPS receivers. Part #2 includes a brief review of receiver use followed by a 10-13 waypoint challenge complete with prizes.

SCIENTISTS LIVE!

Available FREE online anytime!

This informal virtual careers series was created to help teens learn about science-related career options quickly and easily. Each of the 37 recorded episodes consists of a short 20-minute presentation given by a featured scientist, followed by a 10-minute Q & A session during which the original participants asked questions. View and access all of the recordings at <https://go.wisc.edu/677tm7>.

**Grades
8-13**

REDUCED TO A PULP

Available: Year-round

Cost: \$20 per classroom

Trees are an important part of human life that make products and services possible that most of us take for granted. The average American consumes the equivalent of seven trees in paper, wood, and other tree products each year, amounting to 2 billion trees nationally per year. This 60-minute lab will consider the goods and services made possible by trees, the process by which trees are converted into paper, and the ease and benefits of paper recycling. Then, students will work in pairs to construct their own recycling mills and recycle paper right in the classroom. Each student will end up with their own piece of recycled paper to take home. A flat workspace and access to water are required.

**Grades
2-5**

OWL ENCOUNTER

Available: Year-round

Cost: \$3.25 per student

Barn owls are very intriguing predators, and one of the few animals that can be studied with relevance almost everywhere in the world. This 60-minute lab is packed full of barn owl facts with a focus on their predatory adaptations, eating habits, and the amazing things we can learn from the pellets they produce. Following the fast-paced lesson, students will work individually to dissect owl pellets and discover what "their" barn owls ate. Students are able to take the bones they uncover home. There are NO LIVE OWLS included in this lab.

**Grades
2-6**

FROM DIRTY WATER TO DRINKING WATER

Available: Year-round

Cost: \$20 per classroom

Water is one of our planet's most precious limited resources. As such, Mother Nature has concocted a way

**Grades
3-5**

to clean up the water we dirty so we can use it over and over. Her strategy is so solid, people mimic it at water treatment facilities. During this 50-minute lab, students will consider where drinking water comes from and how the water we send down the drain gets cleaned up. In the process, they'll create simple filtration systems and clean dirty water. Students will work in pairs and require a flat workspace.

WONDERS OF WILDLIFE

Available: Year-round

COST: \$15 per classroom

Your students will be sitting on the edge of their seats during this 50-60 minute lab as they learn fascinating facts about Wisconsin wildlife, consider historical and agricultural connections, and view a variety of natural artifacts such as skulls, furs, and antlers. This lab is taught by 4-H Key Leader Kathy Tober and may be done for single classrooms or larger "assembly-style" groups priced at a per classroom rate. Contact Kathy directly to schedule--[262-642-5857](tel:262-642-5857). Then, complete the registration form and submit as with all other labs.

**Grades
5K-8**

EGGSPLORING INCUBATION

'25 PROGRAM DATES

Chicks: April 22-May 16; \$25 per class

Ducklings: April 22 - May 23; \$40 per class

During this 3-4 week program, your students will experience the miracle of life first hand as you incubate, hatch, and care for baby birds. As a participant, your class will receive all of the equipment and educational supplies needed to carry out the experience. You'll just need to add some creativity and TLC. Automatic turners come with the incubators to make your job easier over the weekend. Homes for the babies are arranged entirely by the 4-H staff, and help is always just a phone call away. Understand that hatches are not guaranteed. **Limit: one incubator per classroom.** If you plan to use your own incubator, share how many eggs it holds when you call or email to sign-up. Registration closes March 15 or when available equipment runs out (if sooner).

**Grades
5K-12**