



Somerset County 4-H Presents



4-H Science-sational Day

April 2, 2022

(Register by March 25)

9:00 am - 12:00 pm

Ted Blum 4-H Center, 310 Milltown Rd, Bridgewater

**A Day of Fun, Hands-On Science Workshops
For Grades 1 - 5**

Each workshop track offers participants hands-on experiences that explore science concepts. All workshops are taught by volunteers with a passion for sharing their love of science with youth.

Mail or hand deliver registration forms, and payment to the 4-H Center. Cost per child is \$35. Additional siblings are \$30 each.
Checks should be made payable to: Somerset County 4-H.

What is 4-H Science-sational Day?

4-H Science-sational Day is a fun day of science learning for children in grades 1-5 presented by the Somerset County 4-H Youth Development Program. Youth will participate in hands-on workshops that allow them to learn about a variety of science topics.

- The program will be held on **Sat., April 2, 2022** at the Ted Blum 4-H Center, 310 Milltown Rd., Bridgewater, NJ.
- Cost per child is \$35. Additional siblings are \$30 each.
- Check-in starts at 9:00 AM (no need to come early).
- Event is over by noon (12:00pm). Please arrive on time to pick up your child.
- Participants will stay in their same group all day. As per Rutgers University, mask policy will be determined at that time.
- A parent/legal guardian **MUST** sign the child in and out of the program. If someone other than the parent/legal guardian is to take the child home, a note from the parent must accompany the child at check-in.
- Children may not leave the program **early** unless a parent/legal guardian signs them out.

Mail or hand deliver registration forms, and payment to the 4-H Center. Cost per child is \$35. Additional siblings are \$30 each.

Checks should be made payable to: Somerset County 4-H.

Please note: Pictures are taken throughout the day to be used for display and promotional materials. By allowing your child to attend this program, you acknowledge permission to use photos for display and promotional purposes.

What is 4-H?

4-H is a youth development program across America. In New Jersey, the 4-H program is open to youth in grades K-13 (one year out of high school). In Somerset County, youth may be involved in more than 65 different 4-H clubs, after school activities, school enrichment and camping programs. Each summer, the Somerset County 4-H Association holds the Somerset County 4-H Fair at North Branch Park in Bridgewater, NJ. This Fair is an opportunity for youth to display the projects they have been working on throughout the year, take on leadership roles, and have fun. 4-H is part of Rutgers, The State University, New Jersey Agriculture Experiment Station. 4-H offers educational programs to all youth in grades K-13, on an age-appropriate basis, without regard to race, religion, color, national origin, ancestry, sex, sexual orientation, gender identity and expression, disability, atypical hereditary cellular or blood trait, marital status, domestic partnership status, military service, veteran status, and any other category protected by law.



Be the Scientist for 1st-3rd graders!

Each youth will attend four workshops. All workshops are taught by volunteers. All participants will stay with the same group the entire time. The event will be over by noon. As per Rutgers University, mask policies will be determined at that time.

1st-3rd Graders Schedule

9:00 – 9:30 am	Check In and Welcome
9:30 – 10:00 am	Workshop 1
10:05 - 10:35 am	Workshop 2
10:40 – 11:10 am	Workshop 3
11:15 - 11:45 am	Workshop 4
11:45 am -Noon	Evaluation and Goodbye

Workshops:

Try It - Fly It!

Make your own glider and learn how to fly it and land it on a simulated runway. You will learn lots of facts about airplanes! Presented by the 4-H Broken Props Model Airplane Club.



Frogs, Lizards, Snakes, Oh My!

Explore and discover some interesting facts about reptiles and amphibians. The 4-H Sidewinders Herpetology Club will present a live demo and talk about their various cold-blooded pets.



Optical Illusions

Are your eyes playing tricks on you? During this workshop, participants will explore, create, and be puzzled by optical illusions and mysteries. They will learn how our eyes work and how our brains can play tricks on us. This workshop is filled with moments that will make you scratch your head, laugh, and say WOW!



Goat Greetings

This is your opportunity to meet and greet the goats from the 4-H Just Kidding Goat Club. The “kids” from 4-H are looking forward to teaching you about their “kids”! You will greet a real live goat and understand how their body works and how it’s different. We welcome you to come and join the fun for whatever floats your goat!



Be the Scientist for 4th-5th graders!

Each youth will attend four workshops. All workshops are taught by volunteers. All participants will stay with the same group the entire time. The event will be over by noon. As per Rutgers University, mask policies will be determined at that time.

4th-5th Graders Schedule

9:00 – 9:30 am	Check In and Welcome
9:30 – 10:10 am	Workshop 1
10:15 - 10:55 am	Workshop 2
11:00 – 11:40 am	Workshop 3
11:40 am -Noon	Eval and Goodbye

Workshops:

Archery

Use bows and arrows to understand the safe and responsible use of archery equipment at home and on the shooting range. Presented by the 4-H On Target Archery Club.



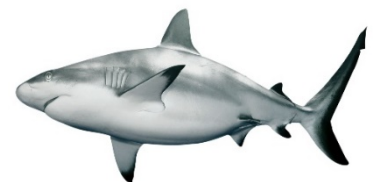
Bee Happy

Work with a real apiarist (beekeeper) to learn about honeybees, beekeeping, honey and beeswax. You will even make beeswax crafts.



Shark-nado

It's time to sharpen your scissors! In this workshop, you will be dissecting a preserved shark! Work with a partner to learn shark anatomy.





Both sides of this form must be completed by all youth participating in overnight activities, field trips, events requiring group transportation, and any other events sponsored through the 4-H Youth Development Program where it is deemed necessary by the event coordinator(s) (paid 4-H staff and/or registered 4-H volunteer) responsible for the youth participants. The form should be submitted prior to the event. The form has five parts: (1) information about the participant and activity, (2) parental permission and liability release, (3) medical emergency authorization and health information, and (4) code of conduct and (5) media policy. *Be sure to complete all five parts and sign where requested!*

Information about the Youth Participant and Activity

Name of Youth participant: _____ **Grade:** _____

Preferred Pronouns _____ Birthdate: _____

Address: _____ City: _____ State: _____ Zip: _____

Telephone number: _____ Email Address: _____

Are you a 4-H member: yes no If yes, what in what 4-H county do you belong? _____

Name of activity/event: Somerset County 4-H Science-sational Day

Name of 4-H group sponsoring or participating in this event: Somerset County 4-H

Location of event: Ted Blum 4-H Center 310 Milltown Rd, Bridgewater, NJ 08807

Date and time of participation of individual named above: April 2, 2022 9:00 am to Noon

Parent Permission and Release of Liability

I hereby give my son/daughter named above permission to participate in the event listed. Although Rutgers Cooperative Extension and its event coordinator(s) will use the utmost precaution in guarding the health of the above participant and preventing accidents, I release them and their Cooperating Agencies: Rutgers, The State University of New Jersey, U.S. Department of Agriculture, and Boards of County Commissioners, from any liability in case of illness or injury as a result of this activity. Furthermore, I release the owner and driver of the car transporting my child to and from the event, from any liability in case of illness or injury.



Signature of parent or guardian: _____

Medical Emergency Authorization and Health Information

I authorize the event coordinator(s) to dispense the prescription drugs and/or over the counter medications listed below in accordance with the instructions provided on the label (prescription drugs) or below (over-the-counter medications). In case of sudden illness or an accident to the above-named participant requiring immediate treatment or surgery while he/she is a participant in this activity, I authorize the 4-H chaperone(s) to take such action as seems appropriate to protect the health and physical well-being of the above participant. This authority extends to any physician(s) and/or surgeon(s) selected by the event coordinator(s) to perform medical and/or surgical procedures including examinations and tests necessary to preserve the health and physical well-being of the above-named participant. All efforts will be made to contact the parent(s) or guardian(s) in case of emergency.

Name of parent/guardian	Phone number	Name of additional emergency contact	Phone number
-------------------------	--------------	--------------------------------------	--------------

The following information is provided as an aid to the event coordinator(s) in dealing with the well-being of the participant. The participant has the following health conditions: (include allergies, handicaps, diabetes, pregnancy, asthma, medications needed, etc.).

Health conditions: _____

Medications/Instructions: _____

Health Insurance: Company Group# _____ ID# _____



Signature of parent or guardian _____

New Jersey 4-H Code of Conduct

The primary purpose of the New Jersey 4-H Code of Conduct is to ensure the safety and well-being of all participants at 4-H sponsored events and activities. It applies to all participants, with participants defined as 4-H members, their parents, and volunteers.

As a participant in the 4-H program, I will:

- **Conduct myself in a courteous manner and treat members, parents, 4-H volunteers, Extension staff, judges and others with respect. Appropriate language and behavior are expected at all times.**
- **Respect and adhere to the rules and guidelines of the 4-H program including all those specific to a 4-H event or activity.**
- **Uphold an individual's right to dignity by supporting an environment of inclusion which welcomes involvement of participants from all backgrounds.**
- **Accept supervision and support from county and state 4-H staff while participating in the 4-H program. This includes acceptance of supervision and support from appointed 4-H volunteers coordinating 4-H events and activities.**
- **Obey local, state and federal laws.**

Participants who fail to adhere to the New Jersey 4-H Code of Conduct are subject to a range of disciplinary actions. Such actions will be taken in compliance with the New Jersey 4-H Discipline Policy and Procedure. When appropriate, immediate corrective action will be taken at the 4-H event to ensure the safety and welfare of all participants.

I understand if I fail to adhere to the above Code of Conduct, I will be subject to disciplinary action and potentially prohibited from attending and participating in the New Jersey 4-H Youth Development program.



Signature of participant in event

Date



Signature of parent or guardian

Date

New Jersey 4-H Media Policy and Release

The 4-H program routinely promotes activities through various media. This includes, but is not limited to newsletters, newspapers, brochures, and displays. In doing so, the names and photos of members may be included to help tell the 4-H story. However, New Jersey 4-H policy is that on web sites, youth in photos will not be identified by name(s).

- No, do not use my individual picture for any purpose.** I will make an effort to avoid opportunities to be in group photos.
- No, do not use my name for any purpose.**

Revised: January 2013, December 2019, 2021

Cooperating Agencies: Rutgers, The State University of New Jersey, U.S. Department of Agriculture, and Boards of County Commissioners. Rutgers Cooperative Extension, a unit of the Rutgers New Jersey Agricultural Experiment Station, is an equal opportunity program provider and employer.