

# CITIZEN SCIENCE KITS

Citizen Science is ordinary people of any age gathering scientific information locally and sharing it with the global scientific community. Citizen Science is perfect for all ages (8 & up) and great for family activities. These kits contain everything you need to complete specific projects that will help scientists answer questions they can't answer without volunteers like you.

**CHECK IT OUT!**

## Exploring Biodiversity

*Document and identify plants and animals around you*

Kit contains:

- Binoculars
- Smartphone lens kit & tripod
- Nature IDs

*Requires: Smartphone/tablet or camera*



## Firefly Watch

*Observe fireflies in a field or backyard*

Kit contains:

- Firefly flash patterns ID
- Observation forms
- *Silent Sparks* firefly book



## Lost Ladybug Project

*Find and photograph ladybugs*

Kit contains:

- Magnifying containers
- Bug tongs
- Ladybug life cycle set



## Mapping Mosquito Habitats

*Document mosquito habitats*

Kit contains:

- Handheld digital microscope
- Magnifying glass
- Cups and bulb syringes

*Requires: Smartphone/tablet & an app*



# CITIZEN SCIENCE KITS

## Measuring Light in the Night

*Help gather light pollution data*

Kit contains:

- Sky quality light meter
- Planisphere
- Stargazing book



## Monitoring Air Quality

*Capture real-time measurements using an AirBeam instrument*

Kit contains:

- AirBeam3 monitoring device
- *Pollution* book

*Requires: Smartphone/tablet with app & Bluetooth capability*



## Observing Pollinators

*Identify and count pollinators as they visit flowering plants*

Kit contains:

- Binoculars
- Data sheet
- *NYS Trees and Wildflowers* guide



## Project Squirrel

*Observe gray and fox squirrels in your neighborhood*

Kit contains:

- Binoculars
- *Trees of New York* guide
- *Discover the World of Squirrels* book



## ZomBee Hunting

*Is the Zombie Fly attacking bees in your neighborhood?*

Kit contains:

- ZomBee Trap
- Observation forms
- *50 Ways to Save the Bees* book



*All kits are a 7 day loan and must be returned to the Lancaster Public Library information desk during open hours. Check-out with an adult card only.*