

# ENVIRONMENTAL EDUCATION PROGRAMS



## OBJECTIVE

The Engineering Department at the City of Monroe provides opportunities for residents of all ages to learn about environmental stewardship. By empowering people with information about preventing stormwater pollution and strategies to reduce waste, we aim to inspire everyone to be responsible members of our community.

## DETAILS

Environmental education programs are offered to schools, clubs, camps, civic groups, neighborhood organizations, youth groups, scouts, and church groups. Programs typically run 30 minutes to an hour and can be modified to compliment relevant school curriculum upon request. Programs are FREE to schools and organizations that serve residents of the City of Monroe.

## PROGRAMS

- **Watersheds, Pollution & You: EnviroScape® Demonstration**
  - This program uses an interactive 3D watershed model to show how water moves over land and how it can become polluted.
  - NC Standards Correlations: ESS.1.3.1, ESS.1.3.2, ESS.3.2.1, ESS.4.3.1, ESS.4.3.2, ESS.4.3.3, ESS.8.2.1, ESS.8.2.2
- **An Incredible Water Journey**
  - Participants immerse themselves in the water cycle as a water molecule! We will learn how vital water is as a natural resource while exploring the different stations.
  - NC Standards Correlations: ESS.1.3.1, ESS.1.3.2, ESS.3.2.1, ESS.8.2.1
- **The Three R's: Reduce, Reuse & Recycle**
  - Participants learn how to conserve natural resources through reducing, reusing and recycling and why this is important. We will review what is recyclable in Monroe, why it is only certain items and what happens to recycling after it leaves the curb.
  - NC Standards Correlations: ESS.1.3.1, ESS.1.3.2, ESS.4.3.1, ESS.4.3.2, ESS.4.3.3
- **Closing the Loop**
  - Participants travel through the waste stream as a recyclable item! We will learn about conserving natural resources and how humans can lessen their environmental impact while exploring the different stops.
  - NC Standards Correlations: ESS.1.3.1, ESS.1.3.2, ESS.4.3.1, ESS.4.3.2, ESS.4.3.3

## ADDITIONAL OPTIONS

If you are hosting a fair or festival, we have fun, educational demonstrations that illustrate the importance of water quality and waste reduction for all ages!

## CONTACT

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# STORMWATER VOLUNTEER PROGRAMS

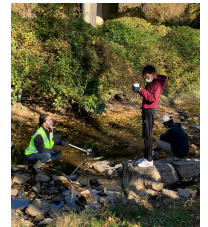
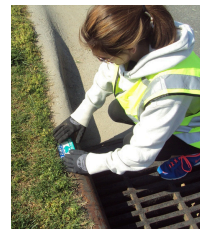


## OBJECTIVE

As part of our Stormwater Public Involvement program, the City of Monroe provides families, local business owners, civic groups, neighborhood organizations, youth groups, scouts, church groups and school groups with opportunities to participate in exciting volunteer programs. You can be the solution to stormwater pollution in our community by signing up to clean up and protect local water quality!

## PROGRAMS

- **Community Clean Ups**
  - The City hosts public litter clean ups where we provide trash bags, use of litter grabbers, waders, safety vests and gloves to volunteers aged 10 and up to clean up a local creek. We can also schedule private group cleanups.
  - **Adopt-A-Stream** is an option for groups who want to commit to picking up a stream segment twice a year for at least two years.
- **Storm Drain Marking**
  - Volunteers glue markers on the edge of storm drains to remind people that only rainwater should go down these drains. The City provides drain markers, glue, gloves, safety vests and maps for volunteers aged 6 and up.
- **Water Quality Monitoring**
  - City staff fully facilitates water monitoring and provides all supplies. Volunteers collect water samples from a local stream and use test kits to measure water quality. This program is available to ages 8+ and can be combined with a stream cleanup.



## ADDITIONAL OPTIONS

We also provide environmental education programs that focus on watersheds, water quality, stormwater pollution prevention, waste reduction, and recycling education. It may be possible to combine an educational component with your volunteer event, or set up a presentation on another date.

If you are hosting a fair or festival, contact us to serve as an informational vendor. We have fun, educational demonstrations that illustrate the importance of water quality and waste reduction for all ages!



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