

2015-2016

Beautification & Environmental Education Programs



Twiggy & Louie



Landfill Tours



Art Contests



Center City Park

Sponsored By:



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*new contest this year

Calendar of Events

August 2015

24th – June 8th
24th – May 31st

Classroom Presentations Available
Bookmark Bonanza

September 2015

18th
18th
25th
25th
28th - October 23rd

Recycled Art Contest Registration Deadline
Gaston County Clean Up (formerly Big Sweep) Registration Deadline
Make A Difference Day Collection Registration Deadline
Celebrate Fall - **Free Tree** Registration Deadline
Make A Difference Day Collections

October 2015

2nd
3rd
12th – 16th
16th
22nd
23rd
24th

Make A Difference Day 'Pledge Card Drive' Registration Deadline
Gaston County Clean Up (formerly Big Sweep)
Celebrate Fall Trees Delivered
Free Daffodil Bulb Registration Deadline
MADD Pledge Cards due to Keep Gastonia Beautiful Office
Recycled Art Due at Keep Gastonia Beautiful Office
Make A Difference Day

November 2015

12th
14th
16th – 20th

Recycled Art Winners Recognized at the Main Branch of the Library
America Recycles Day/**Free** Shred Day Event at Hunter Huss and the
Farmer's Market
Daffodil Bulb Deliveries

January 2016

22nd

Arbor Day Poster Contest Entry Deadline

February 2016

1st
10th
26th

I Love A Clean School Contest Registration Deadline
I Love A Clean School Judging
Great American Cleanup Registration Deadline

March 2016

1st - May 31st
4th
31st

Great American Cleanup
Arbor Day Posters Due
Custodian, Green Student & Teacher of the Year Nominations Due

April 2016

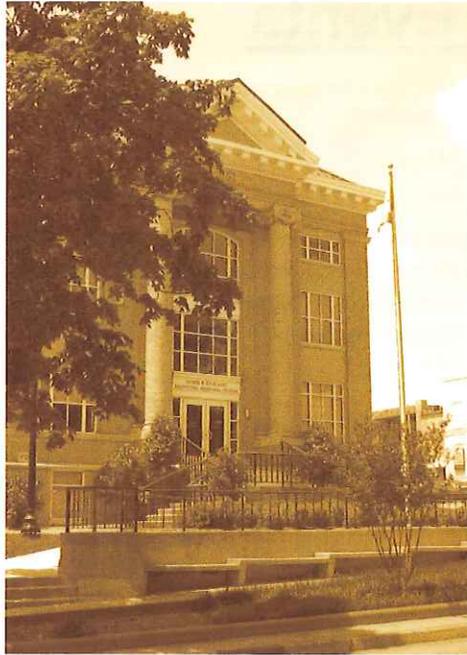
1st - 30th
22nd
29th

Great American Clean-Up continues
Earth Day
Arbor Day (State & National Date)

May 2016

5th
31st

Volunteer Appreciation Luncheon
Great American Cleanup Ends



HOW TO REACH US:

Keep Gastonia Beautiful, Inc.
James B. Garland Center
150 S. York Street
Gastonia NC 28052

Mail To:
P.O. Box 1748
Gastonia, NC 28053

*Gaston County Public Schools
may also use the courier.*

TO SIGN UP FOR PROGRAMS and REQUEST MORE INFORMATION

CALL: (704) 866-6906

Schools WITHIN Gastonia City Limits

TRISH ANDERSON
trisha@cityofgastonia.com

Schools OUTSIDE Gastonia City Limits

JASON GRAHAM
jasong@cityofgastonia.com

ACKNOWLEDGEMENTS

Special thanks to **Carrie Minnich** of Gaston County Schools
for approving the program material for school use.

Keep Gastonia Beautiful, Inc.

Staff Contacts



Pat Johnson

Administrator

patj@cityofgastonia.com



Trish Anderson

School Specialist

trisha@cityofgastonia.com



Jason Graham

**School Specialist/
Recycling Coordinator**

jasong@cityofgastonia.com



Chrystal Howard

Administrative Assistant

chrystalh@cityofgastonia.com

Contact Us At

(704) 866-6906

In Downtown Gastonia



Ghillie Dhu's Enchantment

**Center City Park
147 W. Main St.**

Marbles on Main

**Garland Municipal Business Center
150 S. York St. – Main Floor**



Help Your School Win!



**Green School of the Year
&
Coordinator of the Year**

By participating in our environmental programming.

Be sure to enter your favorite teacher or student for:

**Green Student of the Year
&
Green Teacher of the Year**

Help recognize our great custodians in the

Custodian of the Year Competition

Contests, Special Events & Freebies

GASTON COUNTY CLEANUP (FORMERLY BIG SWEEP)

STATEWIDE WATERSHED CLEANUP

WHO: Gaston County Public and Private Schools
Elementary, Middle, and High Schools

WHAT: Gaston County Watershed Cleanup

WHEN: **Saturday, October 3, 2015**
Note: Cleanups may also be scheduled **anytime** during the months of September or October.

WHERE: Stream, waterway, or other area of your choice. If you do not have a site in mind, we can help match you with a clean-up area.

GOALS: To make a positive difference by removing unsightly litter and debris, and to make our waterways safer, healthier, more attractive, and more enjoyable for everyone, while also helping to protect and preserve the rich diversity of plants and wildlife in these areas.

CALL: (704) 866-6906 to sign up by **September 18**.

DIRECTIONS: After you have chosen your cleanup site and registered your event, you will receive cleanup supplies, including gloves, trash bags and data cards.

AWARDS: Participating groups will receive a Certificate of Appreciation.



RECYCLED ART CONTEST

WHO: Gaston County Public and Private Schools
Elementary, Middle & High Schools

WHEN: Call 704-866-6906 to enter by **September 18, 2015**
Artwork is due **October 23, 2015**

GUIDELINES:



- Dimensional Art, Jewelry, Clothing,
- Sculptures or Posters using Recyclable Materials
- Each entry must have a completed entry form firmly attached to the artwork.
- Limit Five Entries Per School Per Age Division (see new age divisions below)
- No group entries allowed.
- All entries must be less than 24" x 36" x36"

SUBMITTING ENTRIES:

Drop off artwork at Keep Gastonia Beautiful Office, (150 S. York St., Gastonia, NC 28052 – 2nd Floor) by 5:00 p.m. on **October 23**.

AWARDS:

Winners will be announced by **November 4**. The winning students, their teachers and families are invited to the library on **November 12 at 11:00am** to be recognized and awarded gift cards and certificates. The art will be on display at the Gaston County Library, Main Branch, 1555 Garrison Boulevard, for the remainder of the month of November.

First Place Award:	\$50 Gift Card
Second Place Award:	\$25 Gift Card
Third Place Award:	\$25 Gift Card

1st, 2nd, and 3rd place awards given for each age division: K-2*, 3-5*, Middle, High

Judged By: Local Artists

*new this year

Date Registered: _____

OCTOBER – CELEBRATE FALL

TREE PLANTING PROJECT

WHAT: An opportunity for Gaston County public and private schools to celebrate trees and receive a *free tree* for planting on school campuses.

WHEN: Trees will be delivered between **October 12th – 16th**.
In the case of drought, the program will be postponed.

HOW: To reserve your free tree, please call or e-mail:

Keep Gastonia Beautiful

(704) 866-6906

Gastonia Schools – Trish Anderson

trisha@cityofgastonia.com

County Schools (outside Gastonia) – Jason Graham

jasong@cityofgastonia.com

by **September 25th, 2015**

GOALS: To introduce students to tree plantings and to educate about the value of trees.

- Trees renew our air supply by absorbing carbon dioxide and producing oxygen.
- The amount of oxygen produced by an acre of trees per year equals the amount consumed by 18 people annually. One tree produces nearly 260 pounds of oxygen each year.
- One acre of trees removes up to 2.6 tons of carbon dioxide each year.
- Shade trees can make buildings up to 20 degrees cooler in the summer.
- Trees lower air temperature by evaporating water in their leaves.
- Tree roots stabilize soil and prevent erosion.
- Trees improve water quality by slowing and filtering rain water, as well as protecting aquifers and watersheds.

MAKE A DIFFERENCE DAY

PLEDGE CARD DRIVE

WHO: Gaston County Public and Private Schools
Elementary, Middle, and High Schools

WHAT: Students pledge to *"Make a Difference"*.

WHEN: Pledge cards are due to Keep Gastonia Beautiful by **Thursday, October 22**.
Make A Difference Day is **Saturday, October 24, 2015**.

HOW: Registration Deadline: **October 2**

We challenge students to make a pledge to do something that will *"Make A Difference"* in their community and to complete a pledge card describing any small act of kindness they can perform for a person, a family or community in need. This pledge could be to help keep your classroom clean, pick up litter, visit nursing homes, feed the birds, cut grass for others, help younger children with homework, help your teacher, act with more kindness to others, etc.

CONTACT: (704) 866-6906 or email
Trish Anderson
trisha@cityofgastonia.com or
Jason Graham
jasong@cityofgastonia.com
to request your pledge cards.



Date Cards Requested: _____

MAKE A DIFFERENCE DAY

COATS, HATS, AND GLOVES DRIVE



WHO: Gaston County Public and Private Schools
Elementary, Middle and High Schools

WHAT: Students collect coats, hats, and gloves (new or slightly used).
These items will be **donated to a local organization** and distributed to those in need.

WHEN: Collection Period: **September 28 - October 23**

HOW: Register by **September 25, 2015.**
(704) 866-6906 or email
Trish Anderson
trisha@cityofgastonia.com or
Jason Graham
jasong@cityofgastonia.com

Collect these specific items at your school or in your classroom.

We will pick up your donations at the end of the collection period.

Participating groups will receive a Certificate of Appreciation.

Date Registered: _____

MAKE A DIFFERENCE DAY

M.A.D.D. ABOUT BAGS



WHO: Gaston County Public and Private Schools
Middle and High Schools
(Recommended for groups with community service initiatives.)

WHAT: Students collect new duffel bags and book bags for redistribution through the Department of Social Services Foster Care Program.

WHEN: September 28 – October 23

HOW: Register before **September 25, 2015**
Call (704) 866-6906 or email
Trish Anderson
trisha@cityofgastonia.com or
Jason Graham
jasong@cityofgastonia.com

Collect the items at your school or in your classroom and we will pick them up at your request.

Participating groups will be recognized with a Certificate of Appreciation.

Date Registered: _____

DAFFODIL DAYS

A CLEANUP / GREENUP PROJECT

- WHO:** Gaston County Public and Private Schools
Elementary, Middle and High Schools
- WHAT:** 50 FREE Daffodil Bulbs per school available for use in school beautification projects that include student and teacher participation. (Bulbs must be planted on school grounds.)
- WHEN:** Prepare planting bed in October.
Bulbs will be available in November.
Bulbs should be planted by third week of December.
- PURPOSE:** Bulb planting creates a greater appreciation of school property, enhances the community, provides a school science project completed during the school year (plant in the fall, bloom in the spring) and the opportunity for beautification of school grounds.
- HOW:** Call (704) 866-6906 or email
Trish Anderson
trisha@cityofgastonia.com or
Jason Graham
jasong@cityofgastonia.com
by **October 16, 2015** to request bulbs.



Bulbs will be delivered to your school the week of **November 16**. Your daffodils should bloom in late March or early April.

REMEMBER: Plant your bulbs 4 to 5 inches deep with the pointed end up. We would also love to receive pictures or visit your school when the bulbs begin to bloom.

Prior to placing your order consider this: You will need to choose an appropriate site for your bed. Your bed will need to be dug 12 inches deep. Daffodils look better in clumps of 12 or more bulbs rather than in long lines one after the other. Daffodils like sunlight for most of the day. Afternoon shade can prolong the life of the flowers and help retain their deep colors, but heavy shade from structures or a dense grove of trees will weaken bulbs and cause a less spectacular display the second year.

When to plant - in November or early December and they will bloom in March or April. Bulbs require a cooling period of about 14 to 15 weeks. Good soil preparation is the key to a successful daffodil bed. Spade and prepare the bed to a depth of 12 inches. Break up large clods of dirt. If your soil is heavy or has lots of clay, modify it by mixing in peat moss, sand, compost, humus, ground bark or sawdust. The soil should be loose and porous. The bulbs must have good drainage to prevent rotting and to aid the tender roots as they grow from the basal plate so they can penetrate the ground easily.

Daffodils should be planted 4 to 5 inches deep and 4 to 6 inches apart. Be sure to plant the bulb right side up. Cover your bulb with earth to the top of the ground. Press down firmly but not hard. After your daffodils bloom, remove faded flowers or seed heads. Seed production takes food needed by the bulb for next year's blooms. **DO NOT CUT OFF LEAVES.** Allow them to remain until they have turned brown and dried.

Date Requested: _____

"I LOVE A CLEAN SCHOOL"

CONTEST

WHO: Gaston County Public and Private Schools
Elementary, Middle, and High Schools

WHAT: "I Love a Clean School" is the motto for February's clean school contest.

WHEN: Deadline is **February 1, 2016** by calling (704) 866-6906 or emailing Trish Anderson trisha@cityofgastonia.com or Jason Graham jasong@cityofgastonia.com to register your school. Schools that have not registered will **not** be judged.

GOALS: Competition goals are to encourage students to show school pride through neatness, cleanliness, and overall care of their school.

JUDGING: Judges will visit your school on Wednesday, **February 10**. Judging will be based on clean hallways, attractive bulletin boards, clean entranceways, neat bathrooms, attractive classroom doors, availability of trash containers, and bonus points for any waste minimization program in process or recycling.

AWARDS: The Clean School Award this year is a flag that your school can fly or display on your campus, designating your school as a Clean School winner. Schools will receive their flags by Friday, **February 19**.

Flags must be returned at the end of the school year. Instructions for doing so will be distributed with award flags.



Date Registered: _____

ARBOR DAY POSTER CONTEST

- WHO:** Gaston County Public and Private Schools
Elementary, Middle & High Schools
- WHAT:** Arbor Day Poster Contest
- HOW:** Call (704) 866-6906 or email
Trish Anderson
trisha@cityofgastonia.com or
Jason Graham
jasong@cityofgastonia.com by **January 22, 2016** to enter.

Artwork is due by **March 4.**

GUIDELINES:

1. Artwork must be original and include trees in the design
2. Each entry must have contact information firmly attached to the artwork (including artwork title)
3. **Limit Five Entries Per School Per Age Division** (see new age divisions below)
4. One piece per student
5. No group entries allowed
6. All entries must be on poster board and 22" X 28" or smaller

SUBMITTING ENTRIES:

Drop-off artwork at Keep Gastonia Beautiful Office
(150 S. York St., Gastonia, NC 28052 – 2nd Floor) by 5:00 p.m. by **March 4.**

AWARDS: Winners will be announced in March. Awards will be presented at a televised Gastonia City Council Meeting.

First Place Award: \$50 Gift Card

Second Place Award: \$25 Gift Card

Third Place Award: \$25 Gift Card

1st, 2nd, and 3rd place awards given for each age division: K-2*, 3-5*, Middle, and High

*new this year

Date Registered: _____

COORDINATOR OF THE YEAR

(New this year)

- WHO:** All Coordinators in Gaston County Public and Private Schools
Elementary, Middle and High Schools
- WHAT:** The “Coordinator of the Year” award recognizes a school coordinator for Keep Gastonia Beautiful who encourages participation in our programs within their schools and partners with our organization to provide positive and effective environmental education.
- HOW:** The winner will be chosen based solely on participation by Keep Gastonia Beautiful staff.
- AWARDS:** One winner, countywide, will receive this award and a gift card during the annual May Volunteer Appreciation Event.



Date Registered: _____

CUSTODIAN OF THE YEAR

WHO: All custodians in Gaston County Public and Private Schools - Elementary, Middle and High Schools

WHAT: Custodian of the Year Competition recognizes custodians who provide services to school facilities and properties.

DEADLINE: Entries must be received by **March 31, 2016**. Please see entry guidelines on the following page.

GOALS: Competition Goals are to:

- (1) Encourage custodians in their daily work to maintain and preserve school properties,
- (2) Promote cleanup and beautification throughout the community, and
- (3) Promote student, teacher, parent and community awareness of custodial responsibilities.

AWARDS: First and second place award winners from each division (elementary, middle, and high school) will receive a **certificate and a gift card**.

Winners will be announced in May at our Volunteer Appreciation Event.

Date Registered: _____

CUSTODIAN OF THE YEAR

ENTRY GUIDELINES

- Judging is based solely on the materials submitted by principal, teachers and students.
- Person or school submitting entry is urged to provide photos, letters from students and staff, or any other relevant information.
- A separate entry must be completed for each nominated custodian. No group entries.

As a part of your nomination, please answer the following questions:

- 1) How many years has nominee been a custodian & with this particular school?
- 2) What is the custodian's relationship with the students?
- 3) Has the custodian assisted in planting trees and maintaining flower beds?
- 4) In what ways has this custodian contributed to recycling efforts?
- 5) List any outstanding traits or contributions to your school. Why should he or she be named the Custodian of the Year?
- 6) Supporting Materials: Pictures, Letters from Students, Faculty or Staff, etc.

Please return this form with any supporting photos by **March 31, 2016** to: **Keep Gastonia Beautiful, Inc., P.O. Box 1748, Gastonia, N.C. 28053** or through the school courier by addressing entry to "Keep Gastonia Beautiful".

Please answer all criteria and include information listed below:

CUSTODIAN'S NAME: _____

SCHOOL NAME: _____

CONTACT PERSON: _____

PHONE NUMBER: _____

WHAT DIVISION IS YOUR SCHOOL? (check one)

Elementary Middle High

GREEN STUDENT OF THE YEAR

WHO: All students in Gaston County Public and Private Schools
Elementary, Middle and High Schools

WHAT: The Green Student of the Year competition recognizes students who exhibit a keen interest and practical, everyday efforts in “green” practices, i.e. waste reduction, recycling, litter control, and/or campus beautification.

DEADLINE: Entries must be received by **March 31, 2016**.
Please see entry guidelines on the following page.

GOALS: Competition Goals are to:

- (1) Encourage students to become more proactive in improving environmental conditions;
- (2) Promote volunteerism and leadership;
- (3) Improve environmental conditions in local communities.

AWARDS: One winner, countywide, will receive this award and a gift card during the annual May Volunteer Appreciation Event.



Date Registered: _____

GREEN STUDENT OF THE YEAR

ENTRY GUIDELINES

- Judging is based solely on the materials submitted by principal, teachers and students.
- Person or school submitting entry is urged to provide photos, letters from students and staff, or any other relevant information.
- A separate entry must be completed for each nominated student. No group entries.

As a part of your nomination, please answer the following questions:

- 1) How has the student contributed to overall school improvement?
- 2) How has the student involved, or educated classmates?
- 3) List any outstanding traits or contributions to your school. Why should he or she be named the Green Student of the Year?
- 4) Supporting Materials: Pictures, Letters from Students, Faculty or Staff, etc.

Please return this form with any supporting photos by **March 31, 2016** to: **Keep Gastonia Beautiful, Inc., P.O. Box 1748, Gastonia, N.C. 28053** or through the school courier by addressing entry to "Keep Gastonia Beautiful".



Please answer all criteria and include information listed below:

STUDENT'S NAME: _____

SCHOOL NAME: _____

CONTACT PERSON: _____

PHONE NUMBER: _____

GREEN TEACHER OF THE YEAR

WHO: All Teachers in Gaston County Public and Private Schools
Elementary, Middle and High Schools

WHAT: The “Green Teacher of the Year” competition recognizes teachers who provide positive and effective environmental education within their classroom.

DEADLINE: Entries must be received by **March 31, 2016.**
Please see entry guidelines on the following page.

GOALS: Competition Goals are to:

- (1) Encourage teachers to provide cross-discipline environmental education;
- (2) Promote student, teacher, parent and community awareness of teacher efforts.

AWARDS: One winner, countywide, will receive this award and a gift card during the annual May Volunteer Appreciation Event.



Date Registered: _____

GREEN TEACHER OF THE YEAR

ENTRY GUIDELINES

- Judging is based solely on the materials submitted by principal, teachers and students.
- Person or school submitting entry is urged to provide photos, letters from students and staff, or any other relevant information.
- A separate entry must be completed for each nominated teacher. No group entries.

As a part of your nomination, please answer the following questions:

- 1) How many years has the nominee been a teacher & with this particular school?
- 2) List any outstanding traits or contributions to your school. Why should he or she be named the Green Teacher of the Year?
- 3) Supporting Materials: Pictures, Letters from Students, Faculty or Staff, etc.

Please return this form with any supporting photos by **March 31, 2016** to: **Keep Gastonia Beautiful, Inc., P.O. Box 1748, Gastonia, N.C. 28053** or through the school courier by addressing entry to "Keep Gastonia Beautiful".



Please answer all criteria and include information listed below:

TEACHER'S NAME: _____

SCHOOL NAME: _____

CONTACT PERSON: _____

PHONE NUMBER: _____

GREAT AMERICAN CLEAN-UP

WHO: Gaston County Public and Private Schools
Elementary, Middle, and High Schools

WHAT: Great American Cleanup
(An annual community-wide cleanup)

WHEN: March 1-May 31, 2016

WHERE: Select an area of your choice
(School grounds, playgrounds, parks, etc.)

GOALS:

- Cleaner community
- Assist in helping to deter litter
- Promote volunteerism
- Create a healthier, cleaner & safer environment

INFO: Registered participants will receive cleanup supplies, including gloves and trash bags. All participating groups will receive a Certificate of Appreciation.

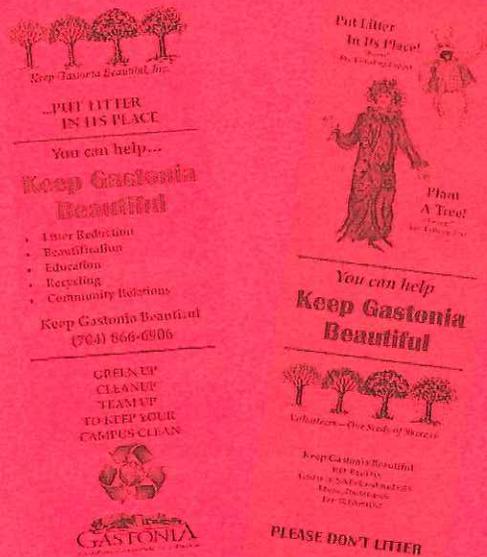
CALL: (704) 866-6906 to register by **February 26** to receive free supplies.



GREAT AMERICAN CLEANUP™

Date Registered: _____

BOOKMARK BONANZA



WHO: Gaston County Public and Private Schools
Elementary, Middle, and High Schools

WHAT: Contact us to receive **free** bookmarks for classroom distribution.
Each bookmark contains information about Keep Gastonia Beautiful
and environmental awareness.

WHEN: August 24 - May 31

HOW: Call (704) 866-6906 or email
Trish Anderson
trisha@cityofgastonia.com or
Jason Graham
jasong@cityofgastonia.com

Bookmarks will be sent through courier or mail.

Date Registered: _____

MULCH DONATIONS

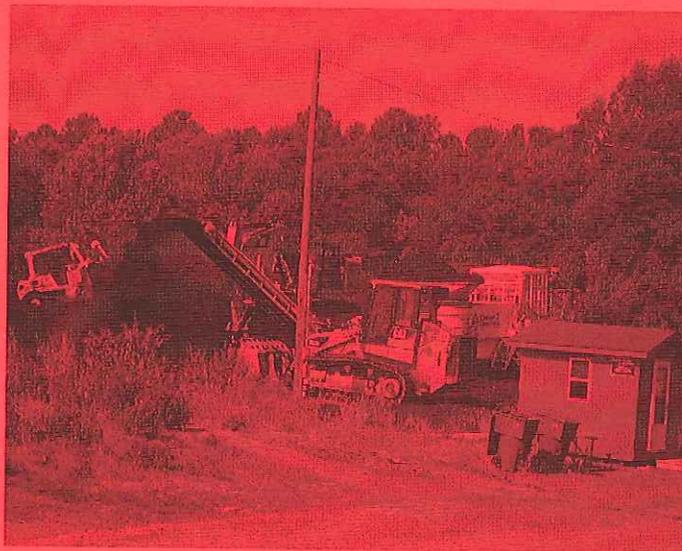
WHAT: Free mulch will be donated to schools within Gaston County for school beautification projects.

WHEN: Anytime (As available)

HOW: Call Jason Graham at (704) 869-1008 or email jasong@cityofgastonia.com to schedule pick up at the City of Gastonia's Yard Waste Facility.

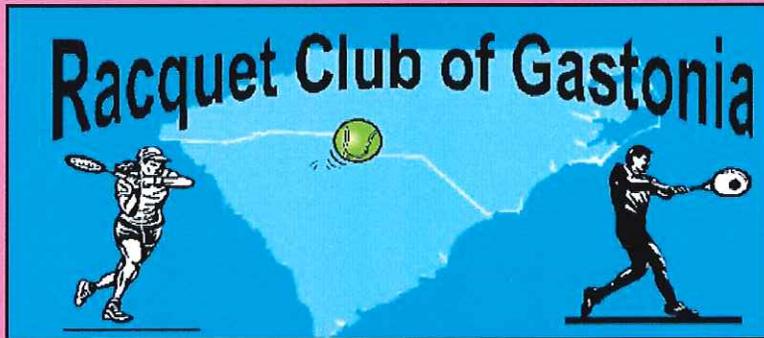
Please contact Gaston County School Maintenance if you need delivery assistance.

Mulch must be used for campus beautification projects.



Tennis Ball Reuse Program

Watch for announcements throughout the year. Tennis Balls will be distributed as they become available.



3116 Howe Dairy Rd.

Gastonia, NC 28056

(704) 864-5304

www.racquetclubofthecarolinas.com



Elementary Classroom Presentations & Tours

About Keep America Beautiful



<http://kab.org>

KEEP AMERICA BEAUTIFUL'S MISSION
Engaging individuals to take greater responsibility for
improving their community environments.

TEACHER RESOURCES

Waste In Place Lesson Plans
Solid Waste Education for elementary-age children.

Black Gold & Mulch Sales



Call: (704) 866-6906

for information & specific dates.

Located on Duke Street
off of Gaston Day School Road

Available to the public for

\$15 per scoop

EARTH BRACELETS

WHO: Gaston County Public and Private Elementary Schools
Kindergarten, 1st and 2nd Grade Classes

WHAT: Making an "Earth Bracelet". We provide all the supplies and a speaker to come to your school and help your students make their individual bracelets.

WHEN: August 24 – June 8

GOALS: Students will be able to explain the importance of plants, soil, sun, water and air for animals and people. They will be able to discuss how they use each of these resources in their daily lives and be able to change their daily habits in small ways to preserve the environment.

Students make a beaded bracelet to remind them of each resource.

CONTACT: (704) 866-6906 or

City of Gastonia Schools:
Trish Anderson
trisha@cityofgastonia.com

Gaston County Schools:
Jason Graham
jasong@cityofgastonia.com

Kindergarten K.G.2.2
1st Grade Social Studies 1.G.2.1, 1.G.2.2
Science 1.L.1.3
2nd Grade Social Studies 2.G.2.1, 2.G.2.2, 2.C&G.2.2



Available With Presenter



Available Without Presenter

Date Registered: _____
Date & Time of Program: _____

THE WARTVILLE WIZARD

A MAGICAL LITTER LESSON

WHO: Gaston County Public and Private
Elementary Schools
Kindergarten and 1st grade classes

Kindergarten
K.G.2.2
1st Grade
Science
1.L.1.3
Social Studies
1.G.2.1

WHAT: A video of the book The Wartville Wizard will be presented to the class by a Keep Gastonia Beautiful School Specialist.

WHEN: August 24 – June 8

GOALS: Students will be able to explain the problems of litter, how we can help reduce litter in the community and the best strategies for combating litter.

Each school will receive a copy of a book about litter for their school library.

HOW: Contact Keep Gastonia Beautiful and arrange for a presenter to come to your school and present the Wartville Wizard video and give a brief talk about the problems of litter.

CONTACT: (704) 866-6906 or

City of Gastonia Schools:
Trish Anderson
trisha@cityofgastonia.com

Gaston County Schools:
Jason Graham
jasong@cityofgastonia.com



Available With Presenter

Available Without Presenter

Date Registered: _____
Date & Time of Program: _____

“TWIGGY”

THE TALKING TREE

WHO: Gaston County Public & Private Schools
First Grade Classrooms

**1st Grade
Social Studies**
1.G.2.1, 1.G.2.2,
1.G.2.3

WHAT: Twiggy the Talking Tree visits your classroom.

WHEN: August 24 – June 8

GOALS: Students will be able to talk about the value of trees in our community and the environment. Twiggy’s interactive costume allows students to touch and see the animals that live in trees and reinforces how trees are homes to many animals. We prefer not to group classrooms of 25 or more due to the nature of this program.

Each school will receive a tree book donated by Keep Gastonia Beautiful & Gaston County Recycling for their school library.

HOW: Make an appointment for
“Twiggy” to visit your classroom.

CONTACT: Dawn Carr
(704) 865-3072
carrcd4@gmail.com

Available With Presenter

Available Without Presenter



Date Registered: _____
Date & Time of Program: _____

GOODS FROM THE WOODS

WITH TWIGGY THE TALKING TREE

WHO: Gaston County Public & Private Schools
Second Grade Classes

**2nd Grade
Social Studies**
2.G.2.1, 2.G.2.2,
2.C&G.2.2

WHAT: Twiggy the Talking Tree visits your
classroom.



Available with
Presenter

WHEN: August 24 – June 8



Available
Without Presenter

GOALS: Students will be able to talk about the importance and value of trees in our community and environment. Twiggy builds on information taught in her 1st grade program and teaches students about the surprising variety of ways in which we use trees. We prefer not to group classrooms of 25 or more due to the nature of this program.

Each school will receive a tree book donated by Keep Gastonia Beautiful & Gaston County Recycling for their school library.

Each student will receive educational material.

HOW: Make an appointment for “Twiggy”
to visit your classroom.

CONTACT: Dawn Carr
(704) 865-3072
carrcd4@gmail.com



Date Registered: _____
Date & Time of Program: _____

ROT & ROLL

LEARN ABOUT COMPOSTING

WHO: Gaston County Public & Private Schools
2nd, 3rd and 4th Grade Classes Only

WHAT: Learn more about composting and vermicomposting (composting with worms).

WHEN: August 24 - June 8

GOALS: Students will be able to set up a compost bin or pile, explain what happens when materials are composted, and discuss the importance of worms in natural and controlled composting. Through interaction with a working worm composting bin, students will be able to discuss how composting can reduce garbage and help our environment.

HOW: Arrange for a presenter to come to your school with a vermicomposting bin or check out a bin from Keep Gastonia Beautiful and receive lesson plans and fact sheets for your class!

CONTACT: Jason Graham
(704) 866-6906
jasong@cityofgastonia.com

NOTE: Vermicomposting bins (composting with worms) can be checked out for classroom use.

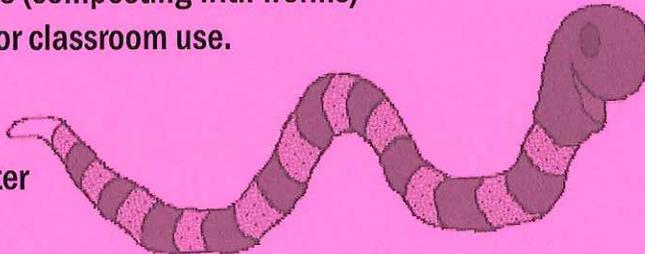
**2nd Grade
Science**
2.G.2.1, 2.G.2.2,
**3rd Grade
Science**
3.L.2.2
Social Studies
3.C&G.2.2
**4th Grade
Science**
4.L1.3



Available With Presenter



Available Without Presenter



Date Registered: _____
Date & Time of Program: _____

“LOUIE”

LITTERBUG PUPPET PROGRAM

WHO: Gaston County Public & Private Schools
Third Grade Classes Only

**3rd Grade
Social Studies
3.G.1.3, 3.C&G.2.2**

WHAT: “Louie” the litterbug puppet visits your classroom.
Participants will receive free educational materials.

WHEN: August 24 – June 8

GOALS: Students will be able to explain why people litter, the impact of litter on our communities, and will be able to actively participate in litter prevention. We prefer not to group classrooms of 25 or more due to the nature of this program.

HOW: Make an appointment for
“Louie” to visit your classroom.

CONTACT: Julie Heath
(704) 868-4986
juliegrayheath@gmail.com



Available with Presenter



Available Without Presenter



Date Registered: _____
Date & Time of Program: _____

MICHAEL RECYCLE

WITH LOUIE THE LITTERBUG

WHO: Gaston County Public & Private Schools
Kindergarten Classrooms Only

Kindergarten
Mental and Emotional
Health
K.MEH.1.3
Social Studies
K.G.2.2

WHAT: “Louie” the litterbug puppet visits your classroom and presents the story of Michael Recycle. Participants will receive **free** educational materials and a book donated by Keep Gastonia Beautiful & Gaston County Recycling for their school library.

WHEN: August 24 – June 8

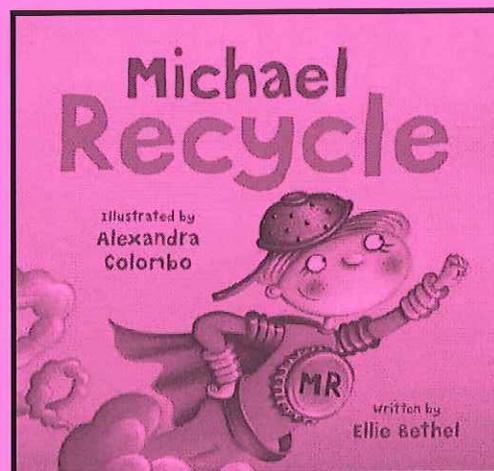
GOALS: Students will be able to explain ways to transform your litter into recycled materials.

HOW: Make an appointment for “Louie” to visit your classroom. We prefer not to group classrooms of 25 or more due to the nature of this program.

CONTACT: Julie Heath
(704) 868-4986
juliegrayheath@gmail.com

Available With Presenter

Available Without Presenter



Date Registered: _____
Date & Time of Program: _____

RECYCLE: STASH THE TRASH

- WHO :** Gaston County Public and Private Elementary Schools
- WHAT:** Solid Waste Education Program
- WHEN:** August 24 – June 8
- GOALS:** Students will be able to discuss the importance of recycling and the impact our waste has on the environment.
- HOW:** After a fun, interactive game, students will be able to correctly identify what items can be recycled or composted in Gaston County and be able to sort their garbage appropriately.

1st Grade Social Studies 1.G.2.1 Science 1.G.2.1
2nd Grade Social Studies 2.G.2.1, 2.G.2.2, 2.C&G.2.2
3rd Grade Social Studies 3.G.1.3, 3.C&G.2.2
4th Grade Science 4.L1.3
5th Grade Social Studies 5.G.1.2

K-2 Classrooms will receive a copy of the recycling game for their classroom!

Programs will be adjusted to fit the grade level of the students and number of students in the classroom.

CONTACT: Jason Graham
(704) 866-6906
jasong@cityofgastonia.com



Available With Presenter

Available Without Presenter

Date Registered: _____
Date & Time of Program: _____

SWAT-A-LITTERBUG PROGRAM

- WHO:** Gaston County Public and Private Schools
- WHAT:** "Swat-A-Litterbug" Program
- WHEN:** 24 Hours A Day
- GOAL:** To remind litterbugs that littering and tossing out cigarette butts is illegal and to educate citizens on the impacts litter has on our community. Litter is truly a safety hazard and has been responsible for more than 2,500 accidents per year. Litter is not only unsightly, but also costly. Littering is against the law, and violators can be fined up to \$1000 for the first offense.
- HOW:** Our organization is asking citizens to call in license tag numbers of the cars seen littering or tossing out cigarette butts in Gaston County. In return, Keep Gastonia Beautiful, Inc., in cooperation with the City of Gastonia Police Department, will send the owner of the vehicle a litter bag or portable ashtray and a letter promoting our anti-litter message.
- CONTACT:** Keep Gastonia Beautiful, at (704) 866-6906 to report the tag number, time of day, and location of a litter violation.



WHERE DOES YOUR GARBAGE GO???

Part 1: LANDFILL MODEL

- WHO :** Gaston County Public and Private Elementary Schools
- WHAT:** Through an **Interactive Model**, Students will understand how the landfill uses technology to safely contain waste
- WHEN:** **August 24 – June 8**
- GOALS:** Students will be able to describe what really happens when they “throw something away.”
- HOW:** By interacting with a landfill model, students will be able discuss the key issues surrounding modern waste disposal, explain how science and technology are used to ensure that the landfill is as environmentally safe as possible and discuss ways we can reduce the amount of waste we produce.

1st Grade
Social Studies
1.G.2.1
Science
1.L.1.3

2nd Grade
Social Studies
2.G.2.2

3rd Grade
Social Studies
3.C&G.2.2

4th Grade
Science
4.L.1.3

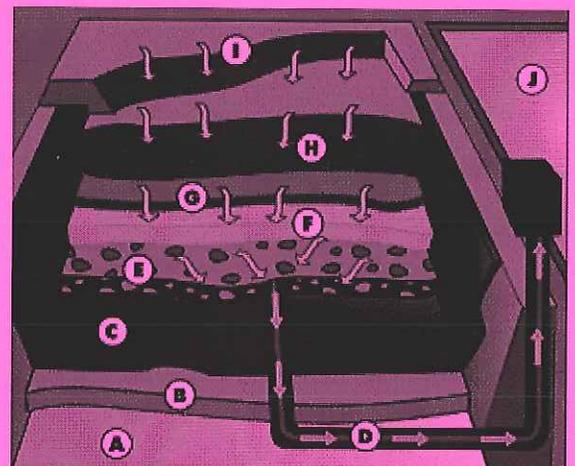
5th Grade
Social Studies
5.G.1.2

This program is designed as preparation and a compliment to “Where Does Your Garbage Go???” – Part 2 (Landfill Tour), but may be completed independently.

CONTACT: Jason Graham
(704) 866-6906
jasong@cityofgastonia.com

Available With
Presenter

Available Without
Presenter



Date Registered: _____
Date & Time of Tour: _____

WHERE DOES YOUR GARBAGE GO???

Part 2: LANDFILL TOUR

WHO : Gaston County Public and Private Elementary Schools

WHAT: Tour the Gaston County Landfill & Recycling Center

WHEN: August 24 – June 8

GOALS: Students will be able to describe what really happens when they “throw something away” and be able to change their behaviors to reduce the garbage they produce.

- 1st Grade**
Social Studies
1.G.2.1
Science
1.L.1.3

- 2nd Grade**
Social Studies
2.G.2.2

- 3rd Grade**
Social Studies
3.C&G.2.2

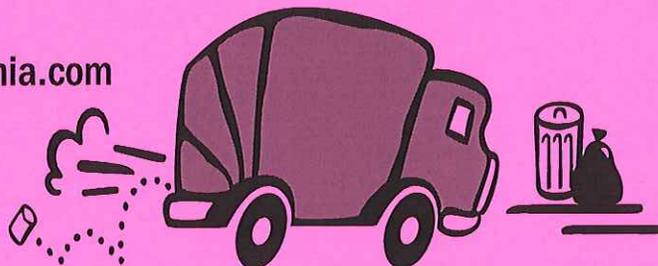
- 4th Grade**
Science
4.L.1.3

- 5th Grade**
Social Studies
5.G.1.2

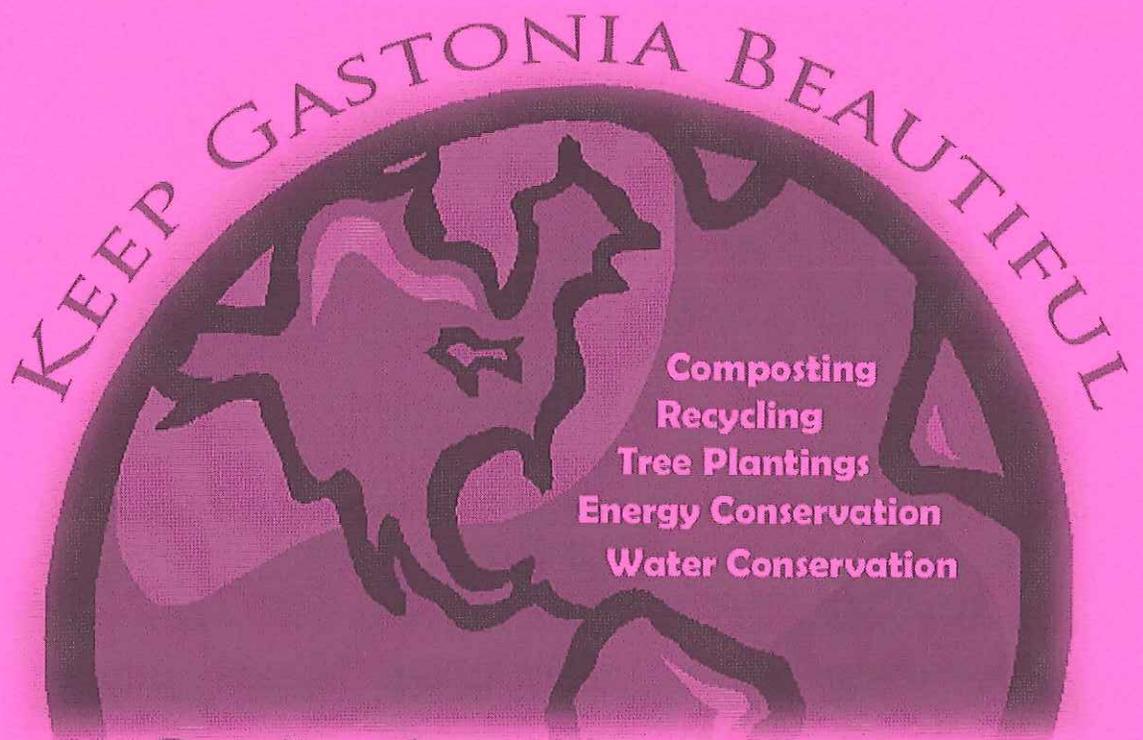
HOW: Through a tour of a modern landfill facility, students will observe technology that makes waste disposal safe. Students will also tour the recycling center and the baling facility and have a chance to visit the Methane Reclamation Station where waste gases are trapped, condensed and used to produce electricity!

This program is designed as a follow-up and compliment to “Where Does Your Garbage Go???” – Part 1, but may be completed independently.

CONTACT: (704) 866-6906
jasong@cityofgastonia.com
Jason Graham



Date Registered: _____
Date & Time of Tour: _____



GASTONIA GOING GREEN

School Recycling Resources



The Recycling Guys

Information, games, and resources for elementary-age children.

<http://recycleguys.org/>



RE3.org

Information, activities, and resources for youth and young adults.

<http://www.re3.org>



Gaston County Solid Waste & Recycling

Local information on recycling, hazardous waste, and landfill use.

<http://www.gastongov.com/departments/solid-waste>



EPA – Reduce, Reuse, Recycle

National information about recycling and waste reduction.

<http://www2.epa.gov/recycle>



Project Green Gastonia

Information and resources on recycling in the City of Gastonia

<http://www.projectgreengastonia.com/>



Middle / High Classroom Presentations & Tours

RECYCLE - STASH THE TRASH

WHO : Gaston County Public and Private Middle Schools

WHAT: Solid Waste Education Program

WHEN: August 24 - June 8

GOALS: Students will be able to discuss the importance of recycling and the impact our waste has on the environment.

HOW: Students will discuss the scale of the solid waste problem facing America today, with a focus on how solid waste negatively impacts the air, water and soil. After a fun, interactive game, students will be able to correctly identify what items can be recycled or composted in Gaston County and sort their garbage appropriately.

CONTACT: Jason Graham
(704) 866-6906
jasong@cityofgastonia.com

6th Grade
Social Studies
6.E.1.2
Science
6.E.2.4

7th Grade
Social Studies
7.G.1.3
Science
7.E.1.6

8th Grade
Science
8.P.2.2, 8.E.1.4



Date Registered: _____
Date & Time of Program: _____

WHERE DOES YOUR GARBAGE GO???

PART 1: LANDFILL MODEL

- WHO :** Gaston County Public and Private Middle and High Schools
- WHAT:** Through an **Interactive Model**, Students will understand how the landfill uses technology to safely contain waste
- WHEN:** **August 24 - June 8**
- GOALS:** Students will be able to describe what really happens when they "throw something away."
- HOW:** By interacting with a landfill model, students will be able discuss the key issues surrounding modern waste disposal, explain how science and technology are used to ensure that the landfill is as environmentally safe as possible and discuss ways we can reduce the amount of waste we produce.

**6st Grade
Science
6.E.2.4**

**7th Grade
Social Studies
7.G.1.3
Science
7.E.1.6**

**8th Grade
Science
8.P.2.1, 8.P.2.2, 8.E.1.4**

**9th-12th Grade
Biology
Bio.2.2.1, Bio.2.2.2**

**Earth/Environmental
Science
EEn.2.2.2, EEn.2.4.2,
EEn.2.7.3, EEn.2.8.4**

Middle School: Program will focus on how the landfill protects soil, air and water from contamination from waste.

High School: Program will focus on how waste has historically had a negative impact on water quality and water habitats and steps the landfill takes to prevent water contamination, as well as discussion of the new Waste Gas Extraction facility and how the landfill uses it to generate clean energy.

NOTE: This program is designed as preparation and a compliment to "Where Does Your Garbage Go???" - Part 2 (Landfill Tour), but may be completed independently.

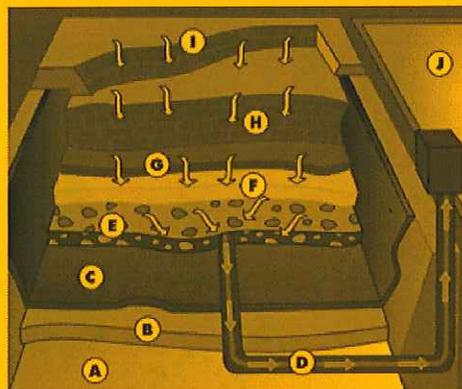
CONTACT: Jason Graham
(704) 866-6906
jasong@cityofgastonia.com



Available With
Presenter



Available Without
Presenter



Date Registered: _____
Date & Time of Tour: _____

WHERE DOES YOUR GARBAGE GO???

PART 2: LANDFILL TOUR

WHO : Gaston County Public and Private Middle and High Schools

WHAT: Tour the Gaston County Landfill & Recycling Center

WHEN: August 24 - June 8

GOALS: Students will be able to describe what really happens when they "throw something away."

HOW: Through a tour of a modern landfill facility, students will observe technology that makes waste disposal safe, and gain awareness of ways to reduce the garbage they produce.

**6th Grade
Science
6.E.2.4**

**7th Grade
Social Studies
7.G.1.3
Science
7.E.1.6**

**8th Grade
Science
8.P.2.1, 8.P.2.2, 8.E.1.4**

**9th- 12th Grade
Biology
Bio.2.2.1, Bio.2.2.2**

**Earth/Environmental
Science
EEn.2.2.2, EEn.2.4.2,
EEn.2.7.3, EEn.2.8.4**

Students will also tour the recycling center and the baling facility and have a chance to visit the Methane Reclamation Station where waste gases are trapped, condensed and used to produce electricity!

NOTE: This program is designed as a follow-up and compliment to "Where Does Your Garbage Go???" - Part 1, but may be completed independently. Students that completed Part 1 will have the opportunity to see the facilities and practices discussed in the in-class session and gain an appreciation for the practical aspects of waste management.

CONTACT: Jason Graham
(704) 866-6906
jasong@cityofgastonia.com



Date Registered: _____
Date & Time of Tour: _____

School Beautification

& Litter Prevention

Ideas for Cleaning Up and Greening Up your School



Organize A Campus Cleanup
Free Supplies are Available!

Beautify your campus.
Sign up for free daffodils
And a free tree.
Free Mulch is also available.

Organize a Recycling Program.
Call us for help!

Sponsor an Earth Day Event.
Hold a recycling contest,
Cleanup, or plan a Nature Walk.

Begin a Composting Project.
Start by participating in the
Rot & Roll Program

Other Gaston Area Resources

A variety of other environmental education resources are available in Gaston County and North Carolina.
The following programs are available through other area organizations.

**North Carolina Cooperative Extension Service,
Gaston County Office**
Teacher training materials & lesson plans.
<http://gaston.ces.ncsu.edu/>
Contact: Jim Burke
jim_burke@ncsu.edu
704-922-2119

Gaston County Natural Resources Department
Provides water, soil and forest conservation
programs in Grades K-8 from Sept-April.
Contact: (704) 922-4181

City of Gastonia Fire Department
Call to arrange a group presentation on
life safety skills.
Contact: Public Education Officer
(704) 866-6807

Gaston County Parks and Recreation
Call for more information about the
Park Partners program.
Contact: (704) 922-2164

**North Carolina Forest Service
Gaston County Office**
Provides Smokey the Bear forest fire prevention
programs and forest resource information.
Contact: (704) 922-0719
ncforest@co.gaston.nc.us

Schiele Museum of Natural History
Call for a booklet listing school group
educational programs
(704) 854-6676.

Crowder's Mountain State Park
Call to arrange a visit to the park.
(704) 853-5375

NC Division of Air Quality
(888) RU4-NCAIR
<http://daq.state.nc.us/airaware/>

NC Wildlife Resources Commission
(919) 833-1923
<http://www.ncwildlife.org>

NC Division of Forest Resources
<http://www.ncforestservice.gov/>

NC DOT Beautification Programs
http://www.ncdot.gov/doh/operations/dp_chief_eng/roadside/beautification/

NC State Museum of Natural Science
(919) 733-7450
<http://www.naturalsciences.org>

NC Division of Water Resources
(919) 733-4064
<http://www.ncwater.org>

**NC Department of Pollution Prevention and
Environmental Assistance**
<http://www.p2pays.org/>

**NC Office of Environmental Education and Public
Affairs**
<http://www.eenorthcarolina.org/index.asp>

National Environmental Education Foundation
<http://www.neefusa.org/>

THE TALKING TREE TRAIL

What: The Talking Tree Trail is an educational walking trail designed to teach students about the variety of trees represented in our local environment.

Where: Lineberger Park, Gastonia

When: Anytime

Why: To educate students about trees and their importance to our local ecosystem.

How: Arrange a field trip to the Talking Tree Trail.

The Trail is self-guided. Students interact directly with the trail's "talking birdhouses", hearing information and fun facts about 10 tree species native to North Carolina.

Who: Sponsored by Keep Gastonia Beautiful, The City of Gastonia, Community Development, Recreation Department, Landscape Division, and WGNC 1450 AM.

3rd Grade
Science
3.L.2.2

4th Grade
Science
4.L.1.3

5th Grade
Science
5.L.2.3



HOW IS WASTEWATER RECYCLED?

WASTEWATER TREATMENT PLANT TOUR

WHO: Public & Private Schools
within the City Limits of Gastonia
Middle and High School Classes Only

WHAT: Wastewater Treatment Plants and
Resource Recovery Farm Tours

WHEN: August 24th – June 8th

WHERE: The plant nearest your school:

Crowder's Creek Wastewater Treatment Plant
Off U.S. Highway 321 South of Gastonia

Long Creek Wastewater Treatment Plant
Old Spencer Mountain Road, Gastonia

Resource Recovery Farm
208 Goldmine Rd., Bessemer City

GOALS: To educate students about the Wastewater Treatment Plant processes and the importance of recycling wastewater for use downstream.

CONTACT: David Shellenbarger to schedule a tour
(704) 842-5106
davidr@tworiversutilities.com



DOWN THE DRAIN

WHO: Public and Private Schools
within the city limits of Gastonia

WHAT: *JMercury Booklet Presentation-
4th Grade only*
Students learn about the wastewater
treatment process and receive a copy
of the JMercury booklet.



*Mercury Awareness Presentation-
Middle & High School*
Students learn about the dangers of
improper mercury disposal.

CONTACT: David Shellenbarger to schedule a presentation
(704) 842-5106
davids@tworiversutilities.com

*Fats, Oil & Grease (FOG) Presentation –
Middle & High School*
Students learn about the problems associated
with dumping fat, oil or grease down the drain.



The Grease Goblin

CONTACT: Greg Johnson to schedule a presentation
(704) 854-6669
gregj@tworiversutilities.com

WHEN: August 24 – June 8

GOAL: To educate students about the importance of pollution
prevention and preserving the environment. Our Industrial
Chemist will come to your classroom to give the presentation.
Supplies are provided. The JMercury Booklet is also available
in Spanish.

Know Soil Know Life

WHO: Gaston County Public and Private
3rd, 4th, 5th, 6th Grades

WHAT: Students learn about soil properties, and how it is necessary for life in all plants, animals and people.

WHEN: August 24 – June 8

GOALS: Students will look at the importance of soil and how we live, as well as an historical overview of the progression of conservation practices in agriculture. They will also investigate soil origins as well as soils in North Carolina.

HOW: Call and schedule an appointment.

CONTACT: Pam Stroupe
(704) 922-2167
pstroupe@co.gaston.nc.us

3rd Grade
3.L.3.1
4th Grade
4.L.1.1
5th Grade
5.L.1.1
6th Grade
6.E.2.4

Gaston Natural Resources



Date Registered: _____
Date & Time of Program: _____

WHO WANTS CLEAN WATER?

WHO: Gaston County Public & Private Schools – 1st, 2nd, 3rd, 4th and 5th grades

WHAT: Learn the path of water and the many directions it takes before a glass can be filled to drink.

WHEN: August 24 – June 8

HOW: Call and schedule an appointment.

GOAL: Students will explore the characteristics of water, its importance, history, where it is found, and how water can be traced in almost everything on the Earth, including the water cycle.

CONTACT: Pam Stroupe
pstroupe@co.gaston.nc.us
(704) 922-2167

1st Grade 1.L.1.3
2nd Grade 2.L.1.1
3rd Grade 3.L.1.1
4th Grade 4.L.1.3
5th Grade 5.L.1.3

Gaston Natural Resources



Additional Program Resources

WHO : Gaston County Public and Private Schools

WHAT: Environmental Programs

WHEN: August 24 – June 8

PROGRAMS:

THE RIVER THROW DOWN

Learn about water quality in Gaston County, and how each citizen affects the quality of the Catawba River.

(3rd and 5th Grades)

A DROP IN THE BUCKET

Learn about the water cycle and water quality on the Earth.

(1st and 2nd Grades)

OUR SOIL IS ALIVE

Learn that the dirt that we walk on is teeming with billions of living organisms.

(K – 5th Grades)

CONTESTS FOR 2015 – 2016

“We All Live in a Watershed”

Essay, Poster, PowerPoint, Electronic Poster

(3rd – 9th Grades)

**CALL for Details*

“Food, Land and People”, “Wonders of Wetlands”, “Project Wet”

Educator Workshops for EE Credits and CEU’s

(Formal and Informal Educators)

**CALL for Details*

CONTACT: Pam Stroupe
704-922-2167
pstroupe@co.gaston.nc.us



Gaston Natural Resources

Date Registered: _____
Date & Time of Tour: _____



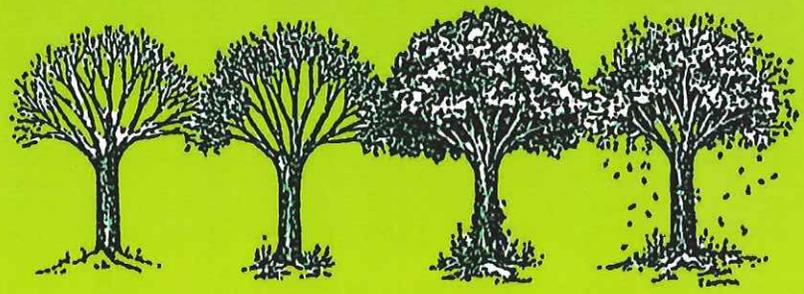
***Trash Less,
Recycle
More!***



Keep Gastonia Beautiful

www.cityofgastonia.com

Plant Trees!



GO GREEN

Reduce!

Reuse!

Recycle!

