

2016-2017 Beautification & Environmental *Education Programs*



Sponsored By:



TABLE OF CONTENTS

| | |
|----------------------------|--------|
| Calendar of Events..... | Page 1 |
| How to Reach Us..... | Page 2 |
| Staff Contacts..... | Page 3 |
| In Downtown Gastonia | Page 4 |

Contests, Special Events and Freebies

| | |
|--|---------|
| Help Your School Win..... | Page 5 |
| Gaston County Clean Up..... | Page 6 |
| Recycled Art Contest..... | Page 7 |
| October Tree Planting Project..... | Page 8 |
| Make A Difference Day Pledge Card..... | Page 9 |
| Make A Difference Day Coats, Hats & Gloves..... | Page 10 |
| Make A Difference Day MADD about Bags..... | Page 11 |
| Daffodil Days..... | Page 12 |
| "I Love A Clean School" Contest..... | Page 13 |
| Arbor Day Poster Contest..... | Page 14 |
| Coordinator of the Year..... | Page 15 |
| Custodian of the Year..... | Page 16 |
| Custodian of the Year Entry Guidelines..... | Page 17 |
| Green Student of the Year..... | Page 18 |
| Green Student of the Year Entry Guidelines..... | Page 19 |
| Green Teacher of the Year..... | Page 20 |
| Green Teacher of the Year Entry Guidelines..... | Page 21 |
| Great American Cleanup..... | Page 22 |
| Bookmark Bonanza..... | Page 23 |
| Mulch Donations..... | Page 24 |
| Swat-A-Litterbug Program..... | Page 25 |
| Keep America Beautiful/Black Gold Information..... | Page 26 |

Elementary Classroom Presentations

| | |
|--|---------|
| Tennis Ball Reuse Program..... | Page 27 |
| Earth Bracelets..... | Page 28 |
| The Wartville Wizard..... | Page 29 |
| "Twiggy" Talking Tree..... | Page 30 |
| Goods from the Woods with "Twiggy"..... | Page 31 |
| Louie the LitterBug Meets Michael Recycle..... | Page 32 |
| Louie the LitterBug Meets LitterBug Doug..... | Page 33 |
| Recycle - Stash the Trash..... | Page 34 |
| Where Does Your Garbage Go??? Virtual Landfill Tour..... | Page 35 |
| Gastonia Going Green..... | Page 36 |

Middle/High Classroom Presentations

| | |
|--|---------|
| High School Youth Advisory Council..... | Page 37 |
| Recycle: Stash the Trash..... | Page 38 |
| Does Clear Air = Clean Air?..... | Page 39 |
| Where Does Your Garbage Go??? Virtual Landfill Tour..... | Page 40 |

Additional Resources and Tours in Gaston County

| | |
|--|---------|
| School Beautification and Litter Prevention Ideas..... | Page 41 |
| Other Gaston Area Resources..... | Page 42 |
| The Talking Tree Trail..... | Page 43 |
| How is Wastewater Recycled..... | Page 44 |
| Down the Drain..... | Page 45 |
| Know Soil Know Life..... | Page 46 |
| Who Wants Clean Water..... | Page 47 |
| Additional Program Resources..... | Page 48 |
| Urban Impacts on Surface Waters..... | Page 49 |
| Career Fair..... | Page 50 |
| School Recycling Resources..... | Page 51 |

Calendar of Events

August 2016

24th – June 8th Classroom Presentations Available
24th – May 31st Bookmark Bonanza

September 2016

16th Recycled Art Contest Registration Deadline
16th Gaston County Clean Up Registration Deadline
23rd Make A Difference Day Collection Registration Deadline
23rd Celebrate Fall - **Free Tree** Registration Deadline
26th - October 21st Make A Difference Day Collections
30th Make A Difference Day 'Pledge Card Drive' Registration Deadline

October 2016

1st Gaston County Clean Up
14th **Free Daffodil Bulb** Registration Deadline
17th – 21st Celebrate Fall Trees Delivered
21st MADD Pledge Cards due to Keep Gastonia Beautiful Office
21st Recycled Art due at Keep Gastonia Beautiful office or photos
downloaded to an online dropbox (details to follow)
22nd Make A Difference Day

November 2016

3rd Recycled Art Winners Recognized at the Main Branch of the Library
12th America Recycles Day/**Free Shred Day** Event at Hunter Huss and the
Farmer's Market
14th – 18th Daffodil Bulb Deliveries

January 2017

20th Arbor Day Poster Contest Entry Deadline
27th *I Love A Clean School* Contest Registration Deadline

February 2017

8th *I Love A Clean School* Judging

March 2017

1st - May 31st Great American Cleanup
3rd Arbor Day Posters due to Keep Gastonia Beautiful office or photos
downloaded to an online dropbox (details to follow)
17th Arbor Day (state date)
31st Custodian, Green Student & Teacher of the Year nominations due

April 2017

1st - 30th Great American Clean-Up continues
22nd Earth Day
28th Arbor Day (national date)

May 2017

4th Volunteer Appreciation Luncheon
31st 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

CARLY CALDWELL

carlyc@cityofgastonia.com

ACKNOWLEDGEMENTS

Special thanks to **Dr. Melissa Balknight
and her staff** at 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



Carly Caldwell

School Specialist/
Recycling Coordinator
carlyc@cityofgastonia.com



Tyler Davis

Administrative Assistant
tylerd@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

STATEWIDE WATERSHED CLEANUP

- WHO:** Gaston County Public and Private Schools
Elementary, Middle, and High Schools
- WHAT:** Gaston County Watershed Cleanup
- WHEN:** **Saturday, October 1**
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:** Carly at 704-214-9172 to sign up by **September 16**.
- HOW:** 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 to enter by **September 16**
Artwork is due **October 21**

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

*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 21** or submit photos to a **specified drop box online**.
Details to follow.

AWARDS:

Winners will be announced by **October 26**. The winning students, their teachers
and families are invited to the library on **November 3 at 11:00 am** 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

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 sometime the week of **October 17th**. 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 the city of Gastonia) –

Carly Caldwell

carlyc@cityofgastonia.com

by September 23rd

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 **October 21**.
Make A Difference Day is **Saturday, October 22**.
- HOW:** Registration Deadline: **September 30**

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
Carly Caldwell
carlyc@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 26 - October 21**

HOW: Register by **September 23**.
(704) 866-6906 or email
Trish Anderson
trisha@cityofgastonia.com or
Carly Caldwell
carlyc@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 26 – October 21
- HOW:** Register by **September 23**
Call (704) 866-6906 or email
Trish Anderson
trisha@cityofgastonia.com or
Carly Caldwell
carlyc@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
Carly Caldwell
carlyc@cityofgastonia.com
by **October 14** to request bulbs.

Bulbs will be delivered to your school the week of **November 14**. 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 **January 27th** by calling
(704) 866-6906 or emailing
Trish Anderson
trisha@cityofgastonia.com or
Carly Caldwell
carlyc@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 8**. 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 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 17**.

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 (K-2, 3-5), Middle & High Schools

WHAT: Arbor Day Poster Contest

HOW: Call (704) 866-6906 or email
Trish Anderson
trisha@cityofgastonia.com or
Carly Caldwell
carlyc@cityofgastonia.com by January 20th to enter.

Artwork is due by March 3.

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, student's name, teacher's name, school and grade)
3. Limit Five Entries Per School Per Age Division
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 3 or submit photos online. Details to follow.

AWARDS: Winners will be announced in March. Awards will be presented at a televised 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

Date Registered: _____

COORDINATOR OF THE YEAR

- WHO:** All Coordinators in Gaston County Public and Private 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.



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**. 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** 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**.
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** 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**.
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** 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

WHERE: Select an area of your choice (school grounds,
playgrounds, parks, etc.) or call for suggested areas.

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: Carly at 704-214-9172 to register and receive free supplies and information.



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
Carly Caldwell
carlyc@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 Carly Caldwell at 704-214-9172 or email carlyc@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.



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 are illegal and to educate citizens on the impact 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.



About Keep America Beautiful



<http://kab.org>

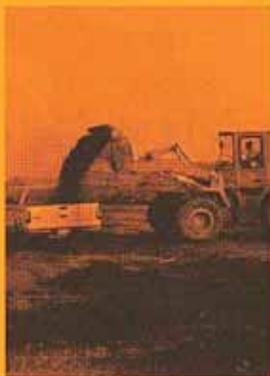
KEEP AMERICA BEAUTIFUL'S MISSION
Engaging individuals to take greater responsibility for
improving their community environments.

TEACHER RESOURCES

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

Clean Sweep USA
Interactive website for Middle School
Environmental Education

Black Gold & Mulch Sales



Call: (704) 866-6906

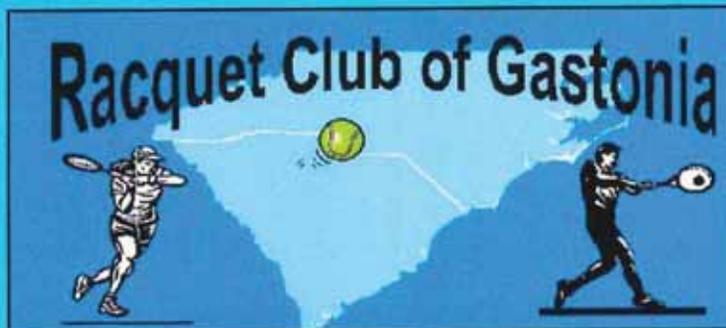
For information

Located on Duke St.
Off of Gaston Day School Rd.

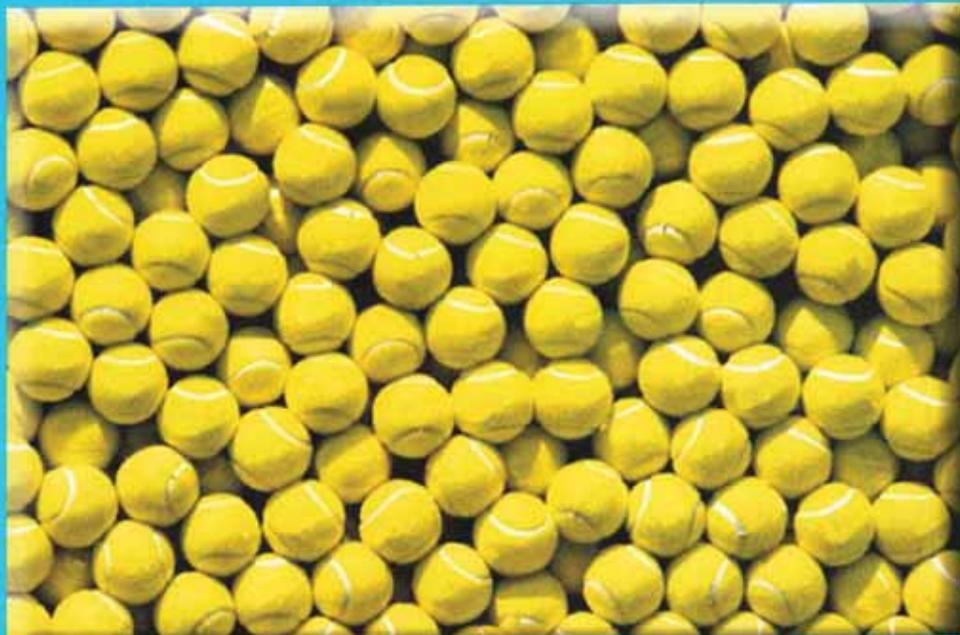
\$15 per scoop

Tennis Ball Reuse Program

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



3116 Howe Dairy Road
Gastonia, NC 28056
(704) 864-5304
www.racquetclubofthecarolinas.com



Elementary Classroom Presentations & Tours

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. Program takes approximately 30 minutes.

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:
Carly Caldwell
carlyc@cityofgastonia.com



Available With Presenter



Available Without Presenter

| |
|---|
| 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 |



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:
Carly Caldwell
carlyc@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

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

WHO: Gaston County Public & Private Schools
Second Grade Classes

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: _____

LOUIE THE LITTERBUG MEETS MICHAEL RECYCLE

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. (30 min. program)

WHEN: August 24 – June 8

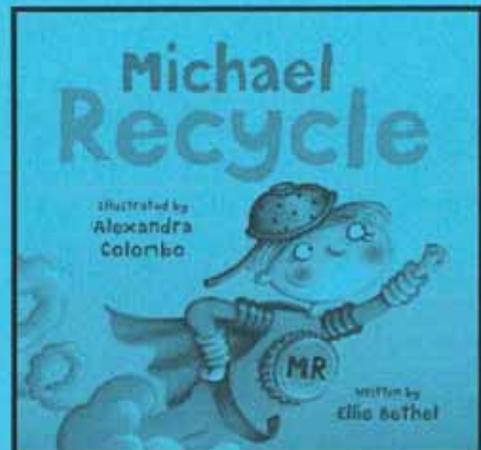
GOALS: Students will learn the meaning of reduce, reuse, and recycle.



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

Please provide the following on the message or email: name, school, # of classes, # of students per class, preferred dates, times and contact information.



Date Registered: _____
Date & Time of Program: _____

MICHAEL RECYCLE MEETS LITTERBUG DOUG

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

**1st Grade
Science
1.L.1.3**

WHAT: Louie the Litterbug puppet visits your classroom and presents the story of Michael Recycle Meets Litterbug Doug. Participants will receive free educational materials and a book donated by Keep Gastonia Beautiful and Gaston County Recycling for their school library.
(30 minute program)

WHEN: August 24 – June 8

GOALS: Students will learn to waste less and reuse more. They will become environmentally aware of what they can do in their classroom and community.

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: Carly Caldwell
(704) 866-6906
carlyc@cityofgastonia.com



Available With Presenter



Available Without Presenter



Date Registered: _____
Date & Time of Program: _____

WHERE DOES YOUR GARBAGE GO???

VIRTUAL LANDFILL TOUR

- WHO:** Gaston County Public and Private Elementary Schools
- WHAT:** Watch a 10 minute video tour of the Gaston County Landfill & Recycling Center
- GOALS:** Students will be allowed to see what really happens when they “throw something away” or recycle something to further educate themselves on recycling and becoming more environmentally friendly.
- HOW:** Through a virtual 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!

NOTE: An interactive worksheet for teacher resource will be provided.

CONTACT:

(704) 866-6906

Carly Caldwell

or

Trish Anderson

carlyc@cityofgastonia.com

trisha@cityofgastonia.com

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

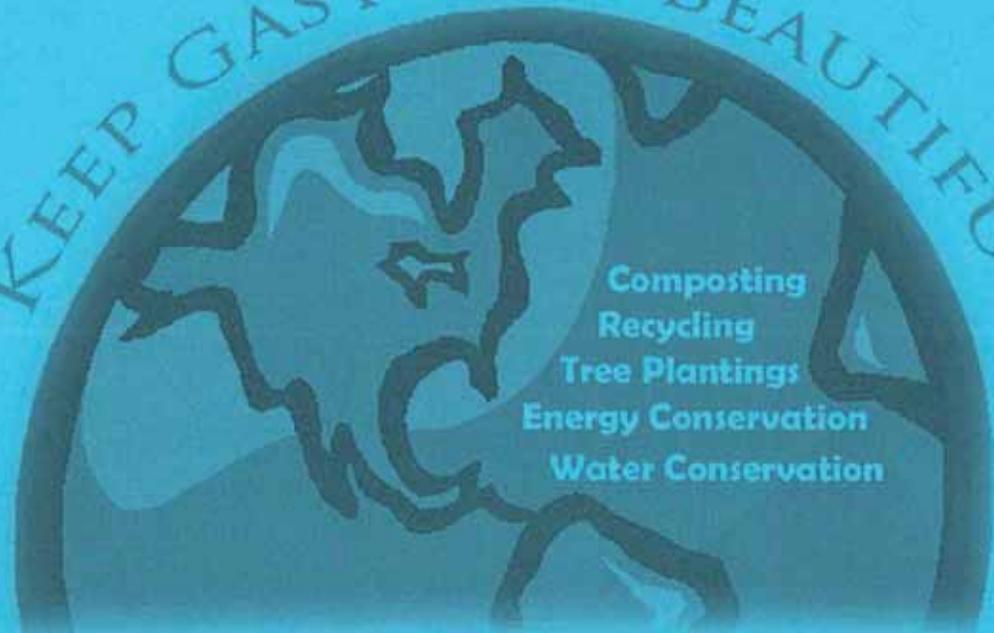
4.L1.3

5th Grade
Social Studies

5.G.1.2



KEEP GASTONIA BEAUTIFUL



Composting
Recycling
Tree Plantings
Energy Conservation
Water Conservation

**GASTONIA
GOING GREEN**

Keep Gastonia Beautiful

Youth Advisory Council

- WHO:** Gaston County Public and Private High Schools
- WHEN:** Meetings will be held quarterly throughout the 2016-17 school year.
- GOALS:** Meet and discuss campus beautification projects and incentives, campus cleanups and focusing the school on going green through recycling initiatives.
- HOW:** Keep Gastonia Beautiful is now accepting applications for the Youth Advisory Council. This is a unique opportunity for high school students from diverse backgrounds to participate in a **service-learning and leadership development program**. Participants inform KGB on programs while acting as ambassadors and leaders for youth service in their communities.
- CONTACT:** (704) 214-9172 or email
Carly Caldwell
carlyc@cityofgastonia.com



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.

| |
|--|
| 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 |

CONTACT: Carly Caldwell
(704) 866-6906
carlyc@cityofgastonia.com



Date Registered: _____
Date & Time of Program: _____

DOES CLEAR AIR = CLEAN AIR?

WHO: Gaston County Public and Private
Middle Schools – 7th Grade Classes

7th Grade
Science
7.E.1.6

WHAT: Through a demonstration, students will understand how the air is dirty even though it looks clean.

WHEN: August 24 - June 8

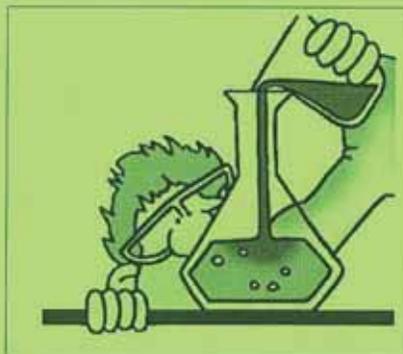
GOALS: Demonstrate how human actions impact the air and identify pollutants created by those actions.

HOW: By identifying pollutants using common ingredients and an activity to discuss ways we can reduce the amount of pollution we produce.

CONTACT: (704) 866-6906 or

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

Gaston County schools:
Carly Caldwell
carlyc@cityofgastonia.com



Available With
Presenter

Date Registered: _____
Date & Time of Program: _____

WHERE DOES YOUR GARBAGE GO???

VIRTUAL LANDFILL TOUR

- WHO:** Gaston County Public and Private Middle and High Schools
- WHAT:** Watch a 20 minute tour of the Gaston County Landfill & Recycling Center
- GOALS:** Students will be allowed to see what really happens when they “throw something away” or recycle something to further educate themselves on recycling and becoming more environmentally friendly.
- HOW:** Through a virtual 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!
- NOTE:** An interactive worksheet for teacher resource will be provided.
- CONTACT:** (704) 866-6906
Carly Caldwell or Trish Anderson
carlyc@cityofgastonia.com trisha@cityofgastonia.com

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



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

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.ncforestservation.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

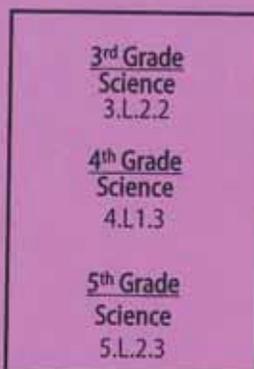
<http://www.eenorthcarolina.org/index.asp>

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.



HOW IS WASTEWATER RECYCLED?

WASTEWATER TREATMENT PLANT TOUR

- WHO:** Gaston County Public & Private
Middle and High Schools
- WHAT:** Wastewater Treatment Plant
- WHEN:** August 24th – June 8th
- WHERE:** *Crowder's Creek Wastewater Treatment Plant*
off U.S. Highway 321 South of Gastonia
- GOALS:** To educate students about the Wastewater Treatment Plant processes and the importance of recycling wastewater for use downstream.
- CONTACT:** Janet Maddox to schedule a tour
(704) 854-6672
janetm@cityofgastonia.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: Schedule an appointment by contacting Pam Stroupe
(704) 922-2167
pamela.stroupe@gastongov.com

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

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.

HOW: Contact Pam Stroupe
(704) 922-2167
pamela.stroupe@gastongov.com

| |
|--|
| 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 2016 - 2017**
"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
pamela.stroupe@gastongov.com
Gaston Natural Resources



Date Registered: _____
Date & Time of Tour: _____

URBAN IMPACTS ON SURFACE WATERS

(Streams, Lakes, Rivers, etc.)

- WHO:** Public and Private Schools
3rd, 4th and 5th graders
- WHEN:** September 22-May 22
- WHAT:** Learn the damaging effects that urbanization has on aquatic life in local streams and solutions they can be a part of to reduce these issues in the future.
- GOAL:** Students will look at the characteristics and importance of a healthy stream. They will also compare healthy versus a damaged stream to see the adverse effects that urban growth has on our natural systems. They will also learn the effects that polluted runoff has on our surface bodies of water.
- HOW:** Contact Robert Cloninger to schedule an appointment
robertcl@cityofgastonia.com or
704-869-1013



Career Fair

- WHO:** Public and Private Schools within the city limits of Gastonia
Available for Elementary, Middle & High School Students
- WHAT:** Information on the various components of the Public Works and Utilities including engineering, solid waste, streets, stormwater, traffic, transit, water and wastewater services. Students learn about the activities and equipment used by the City.
- CONTACT:** Kathy Jenkins to schedule a presentation
(704) 866-6035
kathyj@cityofgastonia.com
- WHEN:** August 24 – June 8
- GOAL:** To educate students about careers available in the Public Works field and provide a better understanding of the services that the City of Gastonia provides to the citizens.



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>



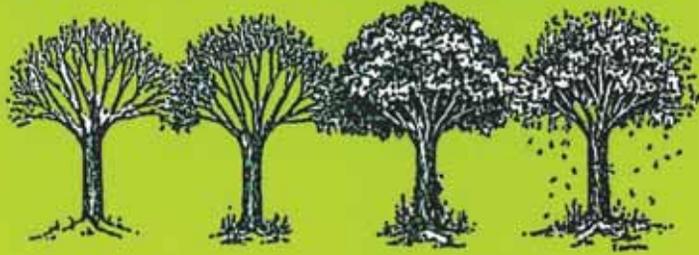
EPA – Reduce, Reuse, Recycle

National information about recycling and waste reduction.

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



Plant Trees!



GO GREEN

Reduce!

Reuse!

Recycle!

