



Thursday
May 17th, 2012

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Green Tips:

How to Make a Non-Toxic Cleaning Kit

Shopping List:

- Baking soda
- Washing soda
- White distilled vinegar
- Natural liquid soap or detergent
- Spray bottle



May 18th is Bike to Work Day

May 11 - 18, 2012 is celebrated across the country as National Bike-to-Work Week. To encourage their fellow Lowcountry residents to get out and enjoy the many benefits of bicycling, Charleston Moves is sponsoring the following events:

May 18, Bike to Work Day! Bicycle commuting is easier than you think. Charleston Moves encourages you to come out and give it a try.

Get fit, cut fuel costs, reduce pollution and have fun - all on the way to work! To brighten your morning, Piggly Wiggly is generously sponsoring six Breakfast Aid Stations around the region. 6:30 a.m. - 9 a.m. Bike to Work! Goodies for bicyclists at the following local Pigs:

- **Mount Pleasant**
 - IOP Connector, 1981 Riviera Drive
 - Coleman Blvd/Ben Sawyer: 1220 Ben Sawyer Dr.
- **West Ashley**
 - Sam Rittenberg/North Bridge area; 14 Sumar Street
- **James Island**
 - 1005 Harborview Road
 - 1985 Folly Road
- **Downtown**
 - 445 Meeting Street





CREAMY SOFT SCRUBBER

Pour 1/2 cup of baking soda into a bowl, and add enough liquid detergent to make a texture-like frosting. Scoop the mixture onto a sponge, and wash the surface. This is said to be the perfect recipe for cleaning the bathtub because it rinses easily and doesn't leave grit. Store in a sealed glass jar, to keep the product moist. Otherwise just make as much as you need at a time.

WINDOW CLEANER

1/4-1/2 teaspoon liquid detergent
3 tablespoons vinegar
2 cups water
Spray bottle

Put all the ingredients into a spray bottle, shake it up a bit, and use as you would a commercial brand. The soap in this recipe is important. It cuts the wax residue from the commercial brands you might have used in the past.

Source: [Care2](#) and a Green Connection Reader

Charleston Moves will host an aide station at the East Bay end of Ravenel Bridge.

May 18, Work to Bike Party!

6:30 - 10 p.m., Hippodrome, Liberty Square
Come celebrate the good work done by local bike/ped advocates. Bring friends, support Charleston Moves Membership Drive, and enjoy a bike-friendly waterfront evening. Featuring live music by Satellite Rodeo, New Belgium Beer, Silent Auction. Event is free, membership donations encouraged.

[Click here to learn more from Charleston Moves!](#)



Walk, Bike and Transit Scores

WALK

Since being founded in 2007, the Walk Score is an online service that rates the walkability of addresses in the US. [Click here](#) to see the top cities in the US for walkability. Charleston scores by zipcode area



from 85 out of 100 in downtown Charleston to 49 out of 100 points, West Ashley to lower scores in more rural areas. Charleston as a whole receives 46.1 points out of a total of 100. The average of all scores for the 2,500 largest cities in the US is 43. Searching for an apartment is also provided with their Walk Score tool.

BIKE

Bike Score evaluates bikeability based on the availability of infrastructure such as lanes and trails, hilliness, amenities and road connectivity and the number of bike commuters. [Click here](#) to see the top 10 most bikeable



Send your tips to charlestonegreen@charleston-sc.gov.

In the SC Legislature

The Conservation Bank, which was set to permanently expire, has been extended for 5 years and is expected to receive full funding, around 8 million dollars, for the first time in 3 years.

The Chronic Sewage Polluter Bill and the High Phosphate Detergent Ban Bill became law in January, respectively reducing untreated sewage spills and algal blooms in our rivers and creeks.

The Prescribed Fire Bill has become law, making it more attractive for landowners to conduct burns which improve forest ecology and tree growth rates, while reducing the risk of wildfires.

The 2009 Energy Conservation Code is officially the law in South Carolina, and homeowners will save money on their utility bills because efficient homes require less energy and cost less to live in.

In the remaining weeks of the session, the South Carolina Coastal Conservation League is intensely focused on passing a solar tax credit that will spur renewable energy development in SC and create local jobs in the process. The legislature is also close to changing the State law to allow bicycles back on the James Island Connector, a common sense

communities in the US and the same for Canada. The Bike Score advocates biking as a way to save \$10 for every 10 mile commute and reduce the rider's chance of heart disease or stroke by 50%.

TRANSIT

All addresses are ranked as to whether they are a Rider' Paradise, Excellent Transit, Good Transit, Some Transit or Minimal Transit. For example the South Windermere area of Charleston ranks a 63 out of 100 point. [Click here](#) to see the top 25 cities for maneuverability using transit in the US.



[Click here to learn more about the walk, bike and transit score.](#) Thanks to Atlantic Cities for this article.



The Environmental Value of Building Reuse

A report produced by the Preservation Green Lab of the National Trust for Historic Preservation provides the most comprehensive analysis to date of the potential environmental benefit of building reuse.

This groundbreaking study, [The Greenest Building: Quantifying the Environmental Value of Building Reuse](#), concludes that, when comparing buildings of equivalent size and function, building reuse almost always offers environmental savings over demolition and new construction.

solution to the more dangerous alternatives for crossing the Ashley River.

Thanks to the South Carolina Coastal Conservation League for this update.

MUSC's Urban Farm Work & Learns

Corrected!

Wednesday Noon-1 PM
and 4-5PM

Saturdays 9-11 AM
Corner of Bee and President
Streets



The Medical University of South Carolina has created an urban garden, where it will grow vegetables and other plants, said Susan Johnson, employee wellness coordinator.

"The idea was to create a demonstration garden, a living classroom," she said.

Instead it will be used to demonstrate the importance of having access to healthy, organic food, she said.

Sustainability Jobs in

The report's key findings offer policy-makers, building owners, developers, architects and engineers compelling evidence of the merits of



reusing existing buildings as opposed to tearing them down and building new.

Those findings include:

- **Reuse Matters.** Building reuse typically offers greater environmental savings than demolition and new construction. **It can take between 10 to 80 years for a new energy efficient building to overcome, through efficient operations, the climate change impacts created by its construction.** The study finds that the majority of building types in different climates will take between 20-30 years to compensate for the initial carbon impacts from construction.
- **Scale Matters.** Collectively, building reuse and retrofits substantially reduce climate change impacts. **Retrofitting, rather than demolishing and replacing, just 1% of the city of Portland's office buildings and single family homes over the next ten years would help to meet 15% of their county's total CO2 reduction targets over the next decade.**
- **Design Matters.** The environmental benefits of reuse are maximized by minimizing the input of new construction materials. Renovation projects that require many new materials can reduce or even negate the benefits of reuse.
- **The Bottom Line.** Reusing existing buildings is good for the economy, the community and the environment. At a time when our country's foreclosure and unemployment rates remain high, communities would be wise to reinvest in their existing building

Charleston

Sustainability Institute:
Green Cities Program Manager

QA, Technical Training and
Assistance Coordinator

For more information click
here: [Sustainability Institute](#)

Charleston County: Director of
Environmental Management

For more information click
here: [Charleston County](#)

Green Business Challenge Update:



GBC Year 2 Participants

Summary (still finalizing)

76 participants
7+ million sq. feet
180 sq. feet to
3.5 million sq. feet
5700 average sq. feet
38 - Baseline Average

stock. Historic rehabilitation has a thirty-two year track record of creating 2 million jobs and generating \$90 billion in private investment. **Studies show residential rehabilitation creates 50% more jobs than new construction.**

[Click here to learn more.](#)

Article credit: The National Trust for Historic Preservation

AROUND CHARLESTON

BIKE MONTH EVENT:

May 18

Bike to Work Day,

With 5 breakfast goodie-stocked help stations around the area, sponsored by Piggly Wiggly, and hosted by Charleston Moves.

Work-to-Bike Day Celebration

6:30 - 10 p.m. at the Hippodrome

Highlighting the work that Charleston Moves and our supporters do to make Charleston more bike/ped friendly.

Live Music by Satellite Rodeo, Beer by New Belgium, Annual Membership renewal drive and Silent Auction

[Note for all Bike Month events click here to learn the latest.](#)

May 15th

Renewable Water Resources Greenville, SC Wildlife and Industry Together (WAIT)

As South Carolina becomes increasingly developed, there is less land available for wildlife. Corporate landowners can offset habitat loss by devoting their under-utilized lands to wildlife. This is achieved by matching site employees who are interested in wildlife with community partners to develop habitat plans. The WAIT program assists corporations, employees, facility neighbors and other groups who desire to develop environmental projects in partnership with each other. [Click here to read more!](#)

8 to 85 Baseline Range 66 - Goal Average

1. Auto Sound Specialist / Alternative Energy Systems
2. Sustainability Institute - 113 Calhoun
3. Hawthorn Suites
4. Sustainability Institute - GreenHouse
5. Southern Atlantic Solar
6. Meadors
7. Morris Financial Concepts Inc.
8. McKellar & Associates, Architects
9. DwellSmart
10. Charleston Water System
11. Blackbaud, Inc
12. A.C. Corcoran Elementary
13. Daniel Island Academy
14. Charles Ramberg Furnituremaker
15. City of Charleston 75 Calhoun
16. SCDHEC - EQC Region 7
17. Money with a Mission
18. Kiawah Island Community Association - Maintenance
19. Sustainable Energy Solutions
20. Natural Designs Woodturning, LLC
21. Duvall
22. Whitesides Elementary School
23. Chastain Construction
24. Holiday Inn Express and Suites
25. Charleston Charter School of Math and Science
26. Circular Congregational Church
27. DHEC OCRM
28. Burke Services Inc.
29. Stantec
30. Waste Services LLC
31. Stubbs Muldrow Herin architects
32. Notsso Hostel
33. City of Charleston Parks and Recreation Departments
34. Total Life Care
35. Art Spaces Design & Marketing
36. Laffo & Associates, Inc.

BIKE MONTH EVENT: Cabot Community Tour May 26 - 27

Cabot Community Tour (riding, walking, biking 2,300 miles along the **East Coast Greenway** with events in the community along the way) will have several booths at the **Piccolo Spoleto Children's Festival on the Square**, 10am-3pm. This Children's Festival will event includes cheese making, bike safety education by the **Holy City Bike Coop** and the City of Charleston **Bike and Pedestrian Advisory Committee**, live entertainment, face painting, arts and crafts, music, food, a petting zoo, and more.

[Click here for more info.](#)

Blessing of the Bikes June 3rd 11 a.m.

Circular Congregational Church

If you are interested in worshipping with Circular Congregational Church on May 20th, they will be offering a worship service where they will bless the bikes!

[Note for all Bike Month events click here to learn the latest.](#)

Learn to Crab with the Charleston Parks Conservancy Tuesday, June 5

8-10 a.m. Wednesday, June 6
8:30-10 a.m.

Daniel Island Waterfront Park Pier, 101 River Landing Drive on Daniel Island
Cost: \$20 per person

Learn about the South Carolina swimmer, *Callinectes sapidus*. Each participant will receive a drop net to rig and take home after the class. Bait is supplied. Class is catch and release, but if you want, bring a cooler to take home crabs larger than 5 inches. All participants must be registered. Children ages 5 and up are welcome to register but must be accompanied by a paid and registered chaperone age 18 or older. Must pre-register; class size is limited. Register online at www.charlestonparksconservancy.org

For more information, contact Mary Horton at 843-

37. Charleston County School District Bridgeview
38. The Vision Center at Seaside Farms
39. BCD Council of Governments
40. American College of Building Arts
41. Preservation Society of Charleston
42. Mt. Pleasant Academy
43. Durlach Associates
44. Wild Dunes Resort
45. Wonder Works
46. Blue Acorn
47. Carolina Green Fair/Two Fish Enterprises
48. Boeing
49. Crop Up
50. Verde
51. Charleston County Parks Commission Headquarters
52. SPARC
53. Charleston County Housing Authority
54. Charleston County Aviation Authority
55. The Art Institute of Charleston
56. GrowFood Carolina
57. McMillan Pazdan Smith Architecture
58. MUSC Dental School
59. Johnson Controls
60. Crescent Homes SC, LLC
61. Lowcountry Local First
62. City of Charleston City Hall
63. Honest-1 Auto Care
64. Frances Marion Hotel
65. KICA Recreation
66. KICA Security
67. IFA-ROTORION
68. KICA Administration
69. Grubb & Ellis/WRS
70. Alcoa Mt. Holly
71. Watson Tate Savory Liollo Architecture
72. Colleen Condon LawFirm LLC
73. Charleston County School District 75 Calhoun
74. Dennis Corporation
75. Nelson Mullins
76. Kiawah Island Golf Resort Nature Center

Does your business provide a service that the Green

724-5003 or mhorton@charlestonparksconservancy.org

The Art of Animal Anatomy with Becca Barnet

Saturday, June 9

10 a.m. to 12:30 p.m.

Hazel Parker Playground classroom, 70 E. Bay St.,

Cost: \$35

Join the Charleston Parks Conservancy to investigate animal anatomy and function, starting from the inside out. The skeletons of the animals will be the basis for the armatures of the sculptures. Children will learn how animals use their bodies to find food and shelter and defend themselves from predators. Use mostly recycled materials to create creatures based on the way real animals work. Bring a picture of your favorite animal and any recycled materials you may want to use. Ages 7 and up. Register online

at www.charlestonparksconservancy.org

For more information, contact Mary Horton at 843-724-

5003 or mhorton@charlestonparksconservancy.org

Woodland Fairy Boxes with the Charleston Parks Conservancy

Thursday, June 14

6-7 p.m.

Hazel Parker Playground classroom, 70 E. Bay St.,

Cost: \$15

Let your little ones create their own woodland fairy box. With the Charleston Parks Conservancy, they'll take a nature walk and collect everything they need for the perfect fairy home: leaf boats, moss carpet and seed decor along with dining sets from corks and spoons. Dress for a mess. Ages 4 and up.

Parents may stay and create their own boxes, but only if they register. Register online

at www.charlestonparksconservancy.org

For more information, contact Mary Horton at 843-724-5003 or

mhorton@charlestonparksconservancy.org

SC Wildlife Federation is Hosting Palmetto Pro

Business Challenge would be interested in?

[Email](#) us to add your business to the resource list.

Keep Charleston Beautiful's Green & Lean 5K

June 2
8am
Brittlebank Park



Keep Charleston Beautiful would like to invite everyone to run, walk, or volunteer for the 7th Annual Green & Lean 5K, including Clara's Tot-Trot. This event helps raise funds for the City's award winning litter prevention programs and campaigns!



Race Course:

This USA TF certified 5K begins at Brittlebank Park, passes by The Citadel campus, circles around beautiful Hampton Park and

Birders 2012: Congaree National Park June 23-24th, 2012 \$150 per module

Have you ever wanted to become a Certified Pro Birder? If so, now is your chance. SC Wildlife Federation is offering multiple modules during 2012 and if you enroll in four, you can be certified. Students will learn how to identify common and rare bird species in South Carolina, how to design bird-friendly landscapes, and develop a deeper understanding of the roles of Citizen Science in protecting bird species. The dates above are for the first module and you can click [here](#) to learn more about up-coming modules.

Attention Teachers:

Free Take Action Today Event!

Take Action Today is coming to North Charleston! Take Action Today is a comprehensive environmental education workshop customized for South Carolina teachers and environmental educators. Attendees will be given a tour a landfill and a recycling facility. They will also receive training on and a copy of "Action for a cleaner tomorrow," a national award-winning kindergarten through 12th grade, activity-based, interdisciplinary, environmental curriculum supplement. "Action" is correlated to the state's science standards. **The workshop will be held at the North Charleston Elementary School on Tuesday June 26th** and there is only space for 100 teachers to attend so make sure to register soon! Click [here](#) to reserve



concludes back at
Brittlebank Park.

Clara's Tot-Trot is a 50 yard
dash in Brittlebank Park for
children ages 2-5yrs.

Registration:

Received on or before May
30, 2012: Individuals- \$20;
Students grades 12 and
under- \$10; Team registration
(5 or more) - \$15/person;
Clara's Tot-Trot- \$10
All registrations received
after May 30 are \$25.

Awards:

\$100 will be given to the top
overall M/F winners. Awards
will be given to the overall
2nd & 3rd M/F winners. Age
group medals will be given
to the top three M/F winners.
Prizes will be given to 1st dog
and 1st stroller to finish.

Silent Auction:

Before and after the race,
you will have the
opportunity to bid on a
variety of goods and
services from local vendors.

For more information visit:
www.GreenandLean5K.com

your spot.

Stay In Touch!

The Green Connection is always eager
to hear your feedback and advise.
Please **Email** us and let us know what
you think!

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PRESERVATION
AND
SUSTAINABILITY**