



SPOTLIGHT SCHOOLS

Wake County Green Schools Partnership



APEX HIGH SCHOOL

- New building designed to maximize natural light and sustainability
- Courtyard for outdoor classes
- Certified Wildlife Area for outdoor labs: stream monitoring, camera traps, forest survey
- Weather Station with wi-fi
- Culinary Arts Garden; Hydroponics
- Agriculture Program
- Upcycling with Digital Media Center and Art
- Student-managed Recycling; ColorCycle
- Stormwater management and creek cleanups

Contact: Kerry Piper
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Broughton High School
S.A.F.E. - Student Action
For the Environment
Founded 1990 -
celebrating 30 years!
♻️ 2008 City of Raleigh
Environment Youth Award
♻️ Big Sweep
♻️ School-wide recycling
program
♻️ Water bottle filling
stations
♻️ Earth week celebration
♻️ Food Ark gardens and
composting
♻️ Educate school
community about the
environment

Contact - Laura Woods

Cary High School

*Certified Wildlife areas.
Pollinator gardens.
Removing invasive trees.
Water bottle refill stations.
Higgins Greenway Trail litter sweeps.
Rain barrels.
Work days/Carolina Tiger Rescue*

Contact - Don Thomas



Millbrook High School



- School Gardens: Food
- Water Conservation: Soaker Hose
- Goats: Sustainable Weed Removal and Christmas Tree - Disposal, animal waste composting
- Upcycling with Bookcases and Scrap wood
- Partner with Raleigh Parks and Rec to teach about Soils
- Rain barrel
- Animal land lab

Contact: Millbrook FFA millbrookffa@gmail.com



ROLESVILLE HIGH SCHOOL



Green Features at RHS

RHS Environmental and Conservation Organization took over recycling outside of cafeterias

Upcycling Plastic Bags into Mats for the Homeless

Avian Protection Program

Designing Rain Gardens & Cistern Installations

Sustainable Agriculture

Vermiculture

Raised Hydroponic Garden Beds

Cloning Boxes

Contacts:

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Wakefield High School

Animal land lab

Animal waste composting

Vermicomposting

Food waste composting

Pollinator garden

Native garden

Blueberry orchard

Edible schoolyard

Wakefield Garden Army (HS and ES unite)

Greenhouse organic pesticide cultivation

Contact: Jodi Riedel



Ligon Middle School Supervised Agricultural Experience (SAE) Projects

The students at Ligon are learning about and creating the following Supervised Agriculture Experience (SAE) projects:

- Created a garden and pollinator garden
- Landscaped and pick up trash
- Created composting bins for chicken waste to use in the garden
- Raised and maintained fish
- Used Biltmore stick and took tree cookies
- Volunteer at the Interfaith Food Shuttle Garden at Camden Street.
- Donated produce to the Interfaith Food Shuttle by way of Logan's downtown.
- Presented to their classmates - solutions on various topics including global warming, water pollution, environmental pollution

Agriculture Teacher: Patrick Faulkner: pfaulkner1@wcpss.net



Moore Square Magnet Middle School

Programs & Projects

- Air Quality Testing
- Propagation of “air cleaning” plants
- Litter Pick Up on campus & Moore Square Park
- Schoolwide Materials Recycling & Composting
- “Know Your Nos” (NCDEQ) program
- Zero Waste Toothpaste Lab
- Duke Energy Savers
- Beech colony



Partnerships & Funding

- RATIO Architects
- NC Junior Garden Club sponsored by Raleigh Garden Club
- Citizen Science Partnership pollinator tracking and seed saving
- Twice recipient of NC Beautiful Grant
- Lowe's Grant

Contacts

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River Bend Middle School



- Native Plant Pollinator Garden
- Water and Feed Stations
- Air Testing With Ozone Garden
- Solar Power Composter
- Solar Power Drip Irrigation
- Solar Power Water Feature
- Weather Stations
- Recycling
- Environmental Stewardship Projects
 - National Geographic Partnership
- School Wide Clean Up Program
- Participate in Citizen Science Projects:
 - EMammal, CoCoRaHS, Ant Picnic, BioBlitz

**Contact: Rachael Polmanteer
& Amy Plahuta**



ABBOTTS CREEK ELEMENTARY SCHOOL

- ❖ 2019 U.S. Department of Education Green Ribbon School
- ❖ Food Waste Diversion Program
- ❖ Parent & Student Green Team
- ❖ Big Sweep Annual Events
- ❖ Certified Wildlife Habitat School Yard
- ❖ Certified Monarch Waystation
- ❖ Citizen Science- CoCoRaHS, Monarch Watch, Nest Watch, Trail Cameras, Air Quality Monitoring
- ❖ Shad in the Classroom Program
- ❖ Explorer Backpack Program
- ❖ Design For Change Environmental Projects

Contact: Krista Brinchek
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Ballentine Elementary

Kathy Wall

- **Watershed Stewardship School**
- **Certified Monarch Weigh Station**
- **Eastern Bluebird Trail**
- **Native Plants and Bird Trail Garden**
- **Participate in Citizen Science:
Monarch Watch, Dragonfly Detectives,
Sparrow Swap. Camera Traps,**



FULLER MAGNET ELEMENTARY SCHOOL

- Upcycling/Maker Space
 - Bonnie Plants 3rd Grade Cabbage Program
 - Bluebird boxes
 - Compostable cafeteria trays
 - Wake County Farm Bureau AG in the Classroom
 - Audubon Great Backyard Bird Count
 - Faculty Green Protocols Committee
- Contact Wayne Shore- dshore@wcpss.net



Feed the Bin
Marker Recycling



Rainwater Recovery Cistern



Courtyard Garden



Funded by
Interfaith Food Shuttle &
The Food Drive Kids





Every Tray Counts



Bluebird boxes



Cistern/Native Plants



Rain Garden

**Kingswood Montessori
STEM Magnet Elementary**

**“We do not inherit the Earth
from our ancestors, we
borrow it from our
children”**

Native American Proverb

**Contact Barb Fair at
bfair@wcpss.net**



**Outdoor Learning
Gardens**

Lincoln Heights Environmental Connections Magnet Elementary



Currently:

Edible Gardens & Food Pantry Donations

Recycling

Curriculum Integration

Citizen Science activities- trail cameras, etc

Whole staff professional development

Shad in the Classroom

Applied as USDE Green Ribbon School

In the process of:

Being a Watershed Stewardship School

Applying as a NC Green School

Getting a mini pond, Brown headed nuthatch bird houses, pollinator garden, observation bee hive and cistern

Laura Wood- ljwood@wcpss.net
[@LJ_WoodLHECMES](https://www.instagram.com/LJ_WoodLHECMES)





MILLBROOK ENVIRONMENTAL connections MAGNET ELEMENTARY

- **Eco-Schools USA Bronze Award**
 - **Green Bee Student Eco-Action Team**
 - **Faculty Eco-Action Team**
- **Pollinator Gardens**
- **Edible Gardens**
- **Hydroponic Gardening**
- **Interfaith Food Shuttle Partnership**
 - **FoodCorps**

- **Certified Wildlife Habitat**
- **Bird Sanctuary**
- **Indoor Observation Beehive**
- **Curriculum Integration**
- **Student Run Whole School Recycling Program**
- **Cafeteria Composting**

**Contacts: Jill McGowan or
Randi Jones**