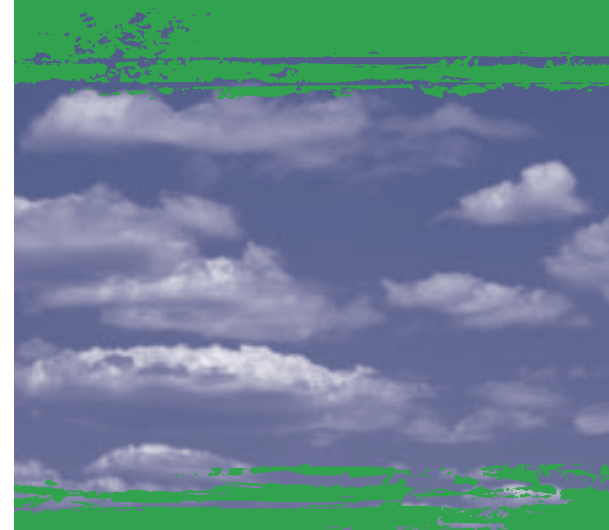


GOT CLEAN AIR?



SOUTH CAROLINA DOES!

And you can help keep it that way  
Become an  
**Ozone Action Class**

For more information about becoming an  
Ozone Action Class, please contact:  
Bureau of Air Quality  
Environmental Educator/Air Education & Outreach Section  
Phone (803) 898-4297  
E-mail [curranaa@dhec.sc.gov](mailto:curranaa@dhec.sc.gov)

You can also visit the Bureau of Air Quality website:  
[www.scdhec.net/baq](http://www.scdhec.net/baq)



CR-004950 2/04

**BUSINESS REPLY MAIL**  
FIRST-CLASS MAIL PERMIT NO 3434 COLUMBIA SC

POSTAGE WILL BE PAID BY ADDRESSEE

SC DHEC  
BUREAU OF AIR QUALITY  
2600 BULL ST  
COLUMBIA SC 29201-9714



NO POSTAGE  
NECESSARY  
IF MAILED  
IN THE  
UNITED STATES



## What is an Ozone Action Class?

Ozone Action Class (OAC) is:

- An interactive environmental program for students and teachers that focuses on ground-level ozone pollution.
- Designed to be a collaborative, educational, fun way to increase the surrounding community's awareness of air quality in South Carolina through the actions of local schools.
- A program that enables teachers and students to have a positive impact on the community through outreach efforts by encouraging people to make better choices and be a part of the ozone pollution solution.

## What will the students be doing?

Students will change their own daily behaviors, as well as encourage their parents to make changes. Some changes may include:

- Carpooling to work, school, or any outings with family and friends
- Composting yard waste instead of burning it
- Turning off lights, computer, TV, and stereo before leaving a room

Students will perform outreach activities involving the school and the surrounding community. Some activities may include:

- Receiving the ozone forecast and sharing it during morning announcements
- Creating ozone awareness posters and displaying them in the school and in community centers
- Performing an ozone awareness broadcast using a local radio station

... AND THE STUDENTS CAN  
EARN REALLY COOL PRIZES!

\*The OAC program can be implemented into the classroom, after school, or summer curriculum.

## What is Ozone?

Ozone is a gas that occurs both in the earth's upper atmosphere and at ground level. Depending on where it is found, ozone can be good or bad.

Good Ozone is in the upper atmosphere and it protects us from the sun's harmful UV rays.

Bad Ozone (ground-level ozone) is in the earth's lower atmosphere near ground level where it is harmful air pollution. Ground-level ozone is formed when pollutants emitted by automobiles, power plants, chemical plants, and other sources react in the presence of heat and sunlight.

## What are the effects of ground-level ozone?

- Irritation to the respiratory system causing you to cough, have a scratchy throat, or even an uncomfortable feeling in your chest.
- Reduction in lung function making it more difficult for you to breathe as deeply as you normally would, especially when working or exercising outside.
- Increased aggravation of asthma. People with asthma are more likely to have severe attacks when ground-level ozone concentrations are high.
- Harmful to the environment. It interferes with plants' ability to produce and store food, making them more susceptible to disease, insects, pollutants, and harsh weather conditions.

## Who is at risk?

- Active children and adults who exercise or work outside
- People with asthma, chronic lung disease, and bronchitis
- Healthy people with unusual susceptibility

Just about anyone could be at risk!

Sign me up for OAC

Send me more information on OAC

Please provide the following information so we can contact you.

NAME: \_\_\_\_\_

ORGANIZATION: \_\_\_\_\_

ADDRESS: \_\_\_\_\_

E-MAIL ADDRESS: \_\_\_\_\_

DAYTIME PHONE NUMBER: \_\_\_\_\_

FAX NUMBER: \_\_\_\_\_

Visit our website: [www.scdhec.net/baq](http://www.scdhec.net/baq)

