

Awesome Air



Air pollution is caused when harmful substances get into the air.

In Anderson County, the air is fairly clean, but we do have certain pollutants that sometimes cause trouble.

Ground-level Ozone—is created when different ingredients mix in the air together, kind of like when you bake a cake. Fumes and gases that come from cars, trucks, equipment and industries “bake” in the heat from the sun and ground-level ozone is made. As you can guess, we have more trouble in the long hot summer days. Remember—“Ozone is Good Up High and Bad Nearby”.

Particulate Matter—is made up of tiny particles in the air from many things like construction activity, dirt roads and fireplaces.

Think about it—air is recycled through natural processes, such as photosynthesis. The air you breathe today is the same air your ancestors breathed 100 years ago; and is the same air your descendants will breathe 100 years from today. Now that you know, will you treat air differently?

Awesome Air

Did you know...

- Air is made up of 21% oxygen and 78% nitrogen.
- Through photosynthesis, plants take in carbon dioxide and release oxygen.
- When you breathe, oxygen moves from the air to your lungs and then into your blood to be carried throughout your body.
- Most adults breathe 3,000 gallons of air each day.
- You can help keep our air clean.
 - Use less electricity in your house. Turn off the lights and your computer when you're not using them.
 - Walk or ride your bike when you can, but remember to get your parent's permission and to wear your helmet.
 - Ask your school to join the Breathe Better Program.
 - Plant and care for trees and other plants.
 - Tell others about our Awesome Air.

I want to help...

Tremendous Trees



“Unless someone like you
cares a whole awful lot,
nothing is going to get better.
It’s not.”
- Dr. Seuss

Trees are important. They are a vital part of our daily lives. We love trees in Anderson County, but do you know why?

Air—Trees produce something we cannot live without—oxygen. Through photosynthesis, trees take in carbon dioxide (CO₂) and release oxygen (O₂).

Water—Trees are natural water pumps. Trees help moderate the Earth’s rainfall as part of the hydrologic cycle. Trees also help regulate stormwater and help prevent flooding.

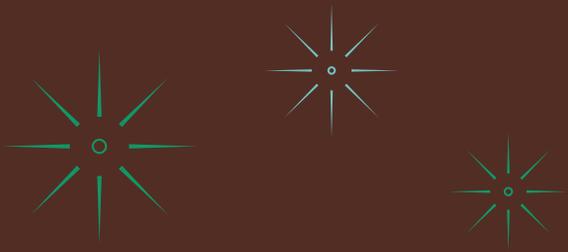
Climate—Trees are natural air conditioners. Trees cool the Earth by giving shade and absorbing the sun’s rays. Deciduous trees, where the leaves fall in the winter, let in the sun’s rays to warm the Earth in cooler weather.

Habitat—Trees are homemakers. From humans living in a house or apartment made of wood to animals who live in forests or smaller wooded areas—trees ensure we all have a place to call home. As a bonus, trees make it beautiful too.

Tremendous Trees



Did you know...



- Every day we use or eat something that comes from a tree.
 - School Supplies (paper, pencils, binders; art, athletic and musical supplies)
 - Buildings (your home and school) and Furniture (your chairs and tables)
 - Rubber (the soles of your shoes) and Cork (the core of your baseball)
 - Food (fruits and nuts, of course, but also maple syrup and Cinnamon)
- You can help conserve our trees.
 - Ask your parents if you can help plant a tree.
 - Remember Smokey the Bear, "Only you can prevent wildfires".
 - Use a reusable lunchbox versus paper bags.
 - Use paper wisely, by using both sides of the paper, using scrap paper for doodling and notes and using recycled paper.
 - Borrow, share and donate books.
 - Tell others about our Tremendous Trees.

I want to help...

Wonderful Water



“The world is mud-luscious
and puddle-wonderful.”
- e.e. cummings

Water is one of the most important natural resources for life and good health. While it seems like we have an unlimited amount of water here in Anderson County, one in three people in the world do not have enough for their daily needs. Think of all the ways you use water every day.

Drinking—we need water to cook with and drink. Animals and plants also need water; it’s not just for humans.

Cleaning—we need water to wash our food, clothes, dishes and ourselves.

Utilities—we use water to generate electricity, mining fuels, and maintaining sanitary plumbing.

Having fun—we love having fun in the water, from fishing and swimming to snowballs and ice skating.

Think about it—If you had to go to a well or river and carry back the water you used each day, would you use water differently?

Wonderful Water



Did you know...



- Nearly 70% of the Earth's surface is covered by water.
- Less than 1% of the Earth's water can be used for drinking.
- Nearly 70% of your body is made up of water.
- A shower can use up to 50 gallons of water.
- Water is recycled through the water cycle or hydrologic cycle.
- You can help conserve the Earth's water.
 - Take brief showers and don't fill up the tub all the way.
 - Help your parents clean up and remind them to use the dishwasher and washing machine only when there is a full load.
 - Wash your hands in cold water instead of waiting until it's warm.
 - Collect rain water and use it to water your plants.
 - Turn off the water when you brush your teeth.
 - Tell others about our Wonderful Water.

I want to help...