

Celebrate the 50th Anniversary of Earth Day with EPA



This year, April 22nd marks the 50th anniversary of Earth Day, a day celebrated by millions of people across the world. Since the first Earth Day in 1970, the United States has made tremendous progress improving air quality, cleaning up contaminated lands, and protecting our water resources. As part of that progress, EPA is working hard to ensure all Americans have a clean, healthy environment and a more prosperous future.

EPA remains committed to protecting human health and the environment as we continue to adjust to the evolving COVID-19 pandemic. While many of us are staying safe at home this Earth Day, we wanted to share some of our environmental information and educational resources for remote learning. Please feel free to share these resources with others. Have a happy and safe Earth Day!

Environmental Education Resources

[All About EPA: How Does EPA Protect the Environment Activity Book](#)

Learn the basics about how EPA protects our health and environment.

All ages

Type of Resource: Book



[Recycle City](#)

Explore Recycle City to learn how its residents reduce waste, use less energy, and even save money by doing simple things at home, at work, and in their neighborhoods.

All ages

Type of resource: Website/app



[Join the Lorax and Help Protect the Environment](#)

Have you met the Lorax? Play games and solve puzzles with some familiar friends.

All ages

Type of resource: Website/app



[History of EPA Research](#)

From the start, EPA researchers and partners have provided the data, knowledge, and tools

needed to tackle the most pressing environmental and related health challenges the nation has faced. On our History of EPA Research webpage, you'll find links to milestones and other resources grouped by research area.

All ages

Type of Resource: Webpage

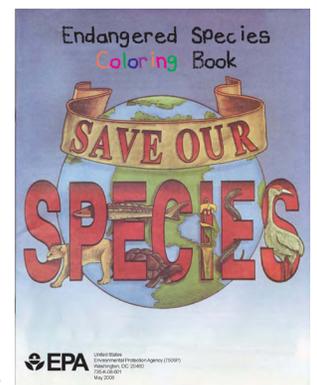


[Endangered Species: Save Our Species Coloring Book](#)

Did you know that EPA works to ensure that pesticides can be used safely without impacting our country's endangered plants and animals? Our endangered species coloring book introduces you to the different types of species EPA's pesticides program works to protect.

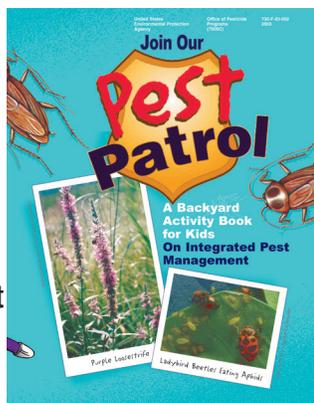
All ages

Type of resource: Coloring book



[Join Our Pest Patrol: Backyard Activity Book](#)

Summer is right around the corner, which means fun outside... and mosquitos. As you think about the best way to deal with pests in your garden or lawn, you may want to consider integrated pest management (IPM). Under “IPM”, your pesticide choices are informed by an effective and environmentally sensitive approach to *pest management* that relies on a combination of common-sense practices, using pesticides only as needed. Our backyard activity book is full of fun activities that teach students about pest identity, biology and ecology. It also helps students understand the impact that personal choices can have on our environment.



All ages

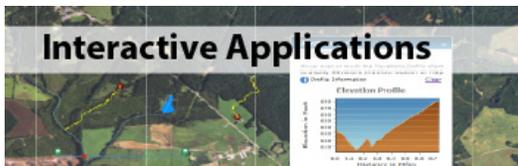
Type of resource: Activity book

[EPA's EnviroAtlas Education Materials](#)

Explore free educational resources for your remote or at-home learners from EPA's EnviroAtlas. EnviroAtlas provides geospatial data, easy-to-use tools, and other resources to understand ecosystem services and their connection to human health. The hands-on K-12+ educational resources leverage EnviroAtlas tools and include mini lessons (30 mins or less) about ecosystem services, outdoor activities and web-based interactive mapping. Available educational modules align with state science standards and next generation science standards and include options for adaptations.

Grades: K-12, undergraduate

Type of resource: Web based activities (including offline activities)



[Water Sense Resources](#)

Check out these resources for educating students about water efficiency.

Grades: K-8

Type of resource: Lesson plan

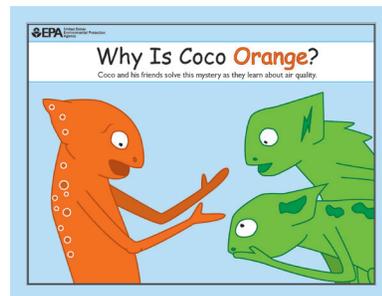


[Why is Coco Orange?](#)

Coco has a problem. He is a chameleon, but he cannot change colors, and his asthma is acting up. Read how Coco and his friends at Lizard Lick Elementary solve this mystery as they learn about air quality and how to stay healthy when the air quality is bad

Grades: Pre-K-2

Type of Resource: Book



[Bird's Eye View Lesson Plan](#)

Using the provided template, you and your child(ren) will make a flock of paper birds to learn about air pollution in this fun, crafty science experiment.

Grades: K-5

Type of resource: Lesson plan

[Kid's Air Quality Index Games](#)

Play fun computer games (or printed-out version) to learn about the air quality index and air pollution.

Grades: K-5

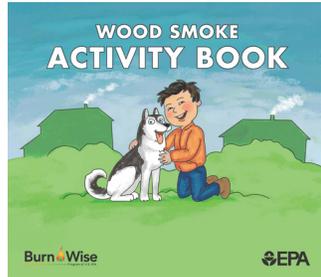
Type of resource: Games

Wood Smoke Activity Book

Children can read the story about best burning practices, color the pictures, and do the activities included in this activity book.

Grades: K-5

Type of resource: Printable coloring and activity book

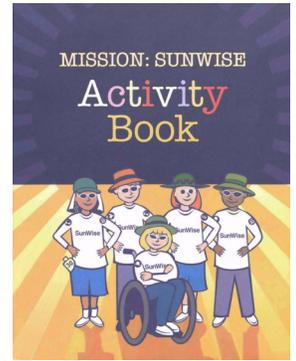


Be Sun Smart

Moving outside, this lesson explores how we both need the sun and need to protect ourselves from its rays. A Sunwise activity book is also available to download and print.

Grades: 5-8

Type of resource: Lesson plan and activity book

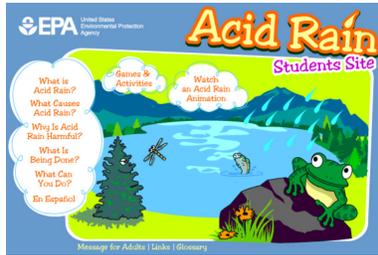


Acid Rain Students Site

A comprehensive site for kids to learn about what acid rain is, where it comes from, why it's harmful, and what has been and continues to be done to prevent it.

Grades: K-8

Type of resource: Activities, animation, and information

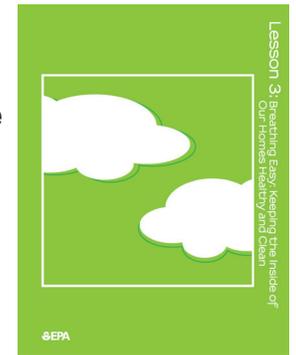


Breathing Easy

This lesson looks at our homes and the steps to take to keep the air healthy and avoid chemical exposure.

Grades: 5-8

Type of resource: Lesson plan

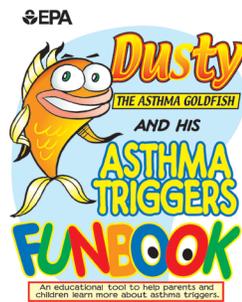


Dusty the Asthma Goldfish

This educational activity book helps children learn more about asthma triggers.

Grades: 2-5

Type of resource: Printable activity book



Air Strips Lesson Plan

Students use homemade air strips to test for particulate matter-caused discoloration around their home or neighborhood.

Grades: 6-8

Type of resource: Lesson plan

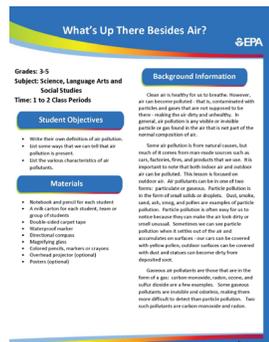


What's Up There Besides Air?

Students use a milk carton to "catch" particle pollution in this outdoor activity.

Grades: 3-5

Type of resource: Lesson plan

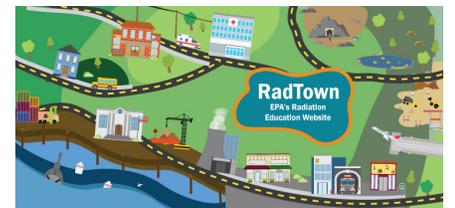


RadTown Classroom Materials

The more your kids learn about radiation, the less they have to fear.

Grades: 6-12

Type of resource: Lesson plans

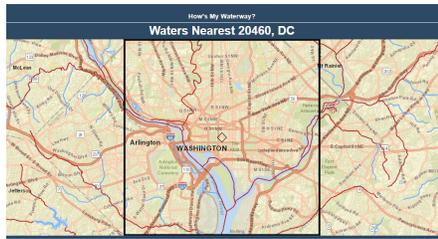


How's My Waterway

Learn the condition of local streams, lakes, and other waters anywhere in the U.S., searching EPA's database of water quality monitoring reports.

Grades: 9-12

Type of Resource: Website/app

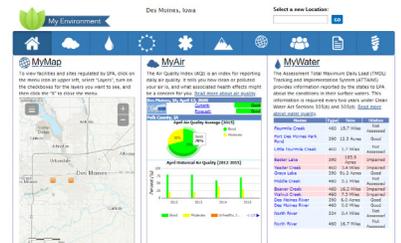


MyEnvironment

MyEnvironment is a search application that provides environmental information based on location. Using EPA data and records, you can learn about the air, water, and land in your neighborhood. In addition, you can find out about local facilities, energy usage and production, health risks, environmental projects going on in the community, and so much more!

Grades: 9-12

Type of Resource: Website/App



Additional Resources

For even more resources, check out these webpages from EPA and others:

[Lesson Plans, Teacher Guides and Online Environmental Resources for Educators](#)

[Learning and Teaching about the Environment](#)

[National Environmental Education Foundation Toolkits](#)

[NOAA Education Materials](#)

[USGS Learning from Home](#)

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