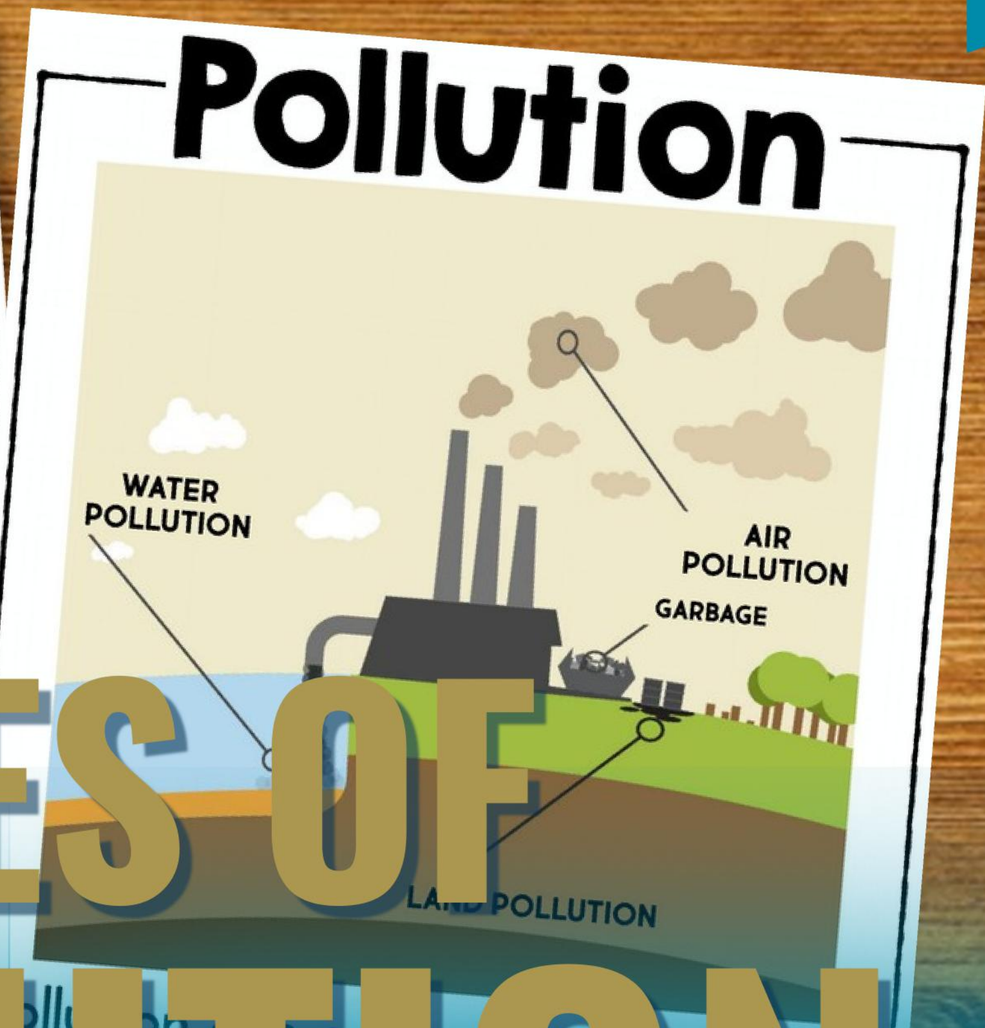
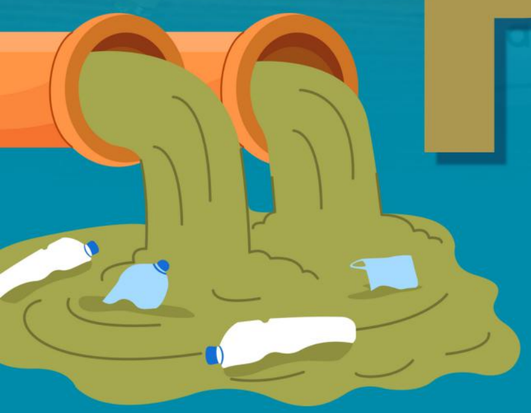
PASSAGE & ACTIVITIES

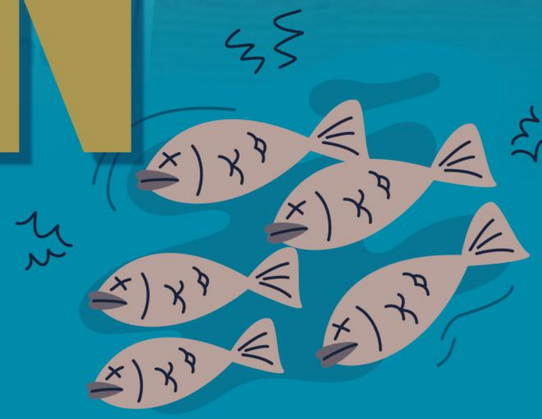
GRADES 2–4





TYPES OF POLLUTION





KEEP SCROLLING TO SEE WHAT'S INSIDE!

WHAT'S INCLUDED?

📄 **Informational article** (illustrated + text-only versions)

🧠 **Vocabulary posters** with visuals and definitions

✏️ **Cloze reading & comprehension worksheets**

🔍 **Cause-and-effect & main idea** sorting activities

💬 **Writing prompts, discussion cards, and quiz**

🔗 **QR codes** to safe research websites and videos

💻 **Google Slides & interactive digital access**

✓ **Answer keys included**



something that is harmful or poisonous to the plants ar animals in c environme





pollution that occurs from natural events like sandstorms, volcanic eruptions and wildfires

pollution

natural pollution

VOCABULARY CARDS

Pollution



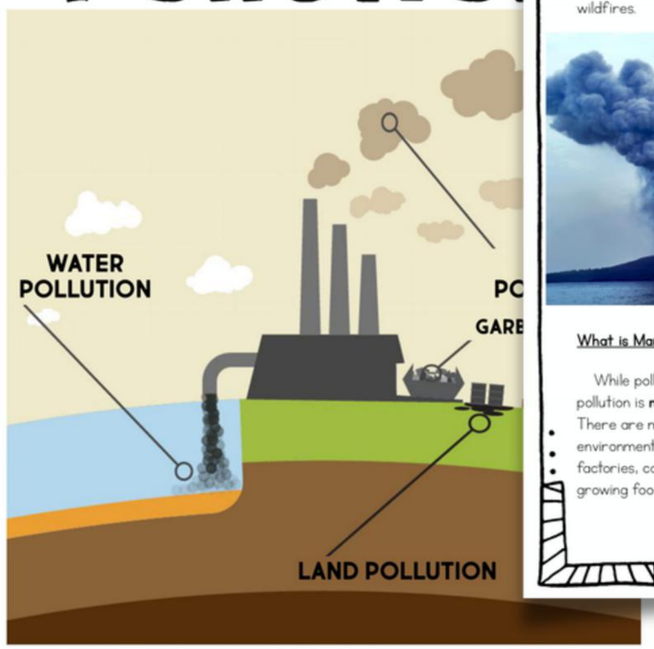
Pollution is somethin

or poisonous to

animals in an envi

a responsibility

Pollution



Pollution can occur naturally or be man-made. It affects the land, water, and air.

© Jessica Boschen @ What I Have Learned

Pollution

What is Pollution?

Pollution is a problem that affects many plants and animals. **Pollution** is something that is harmful or poisonous to the plants and animals in an environment. It is often new to the environment.

Pollution can occur naturally or be man-made. It can affect the water, the land, or the air.

What is Natural Pollution?

Some pollution occurs naturally as a result of events on the Earth. Some examples of **natural pollution** are sandstorms, volcanic eruptions, and wildfires.





Sandstorms in the desert blow s
speeds over a large area. This pol
by covering plants and filling up w

A volcano spews ash and lava i
This makes it hard for people to
blocks out the sun. Volcanic erup
pollute streams and rivers, and
animals.

Wildfires produce smoke and
volcanoes, they pollute the air
for people to breathe.



What is Man-Made Pollution?

While pollution can occur naturally, most pollution is **man-made**, or caused by people. There are many ways people pollute the environment. Pollution can come from factories, cars, fireplaces, trash, sewage, growing food, and more.

Pollution

How Does Pollution Affect the Environment?

Pollution affects three main areas of the environment: water, land, and air.



Water pollution affects plants and animals that live in and near lakes, rives, and oceans. It also affects people and animals that drink the water. How does pollution get into the water? Poisonous chemicals from farms and factories are often dumped into the water. Rain washes oils and chemicals from streets into sewers that lead to streams and oceans. In some countries, people dump sewage straight into the water.



Chemicals not only affect the water, but also the land. Chemicals used in farming get into the soil and cause **land pollution**. In the past, factories and power plants buried chemicals underground. The containers leak and pollute the ground. Land pollution affects our ability to grow food and live on the land.

Air pollution is the third problem. Cars and factories produce **carbon monoxide**. This is a gas that can become dangerous when there is a lot of it in one place. The reduced air quality can cause breathing problems, and affects the sunlight that plants need to grow.

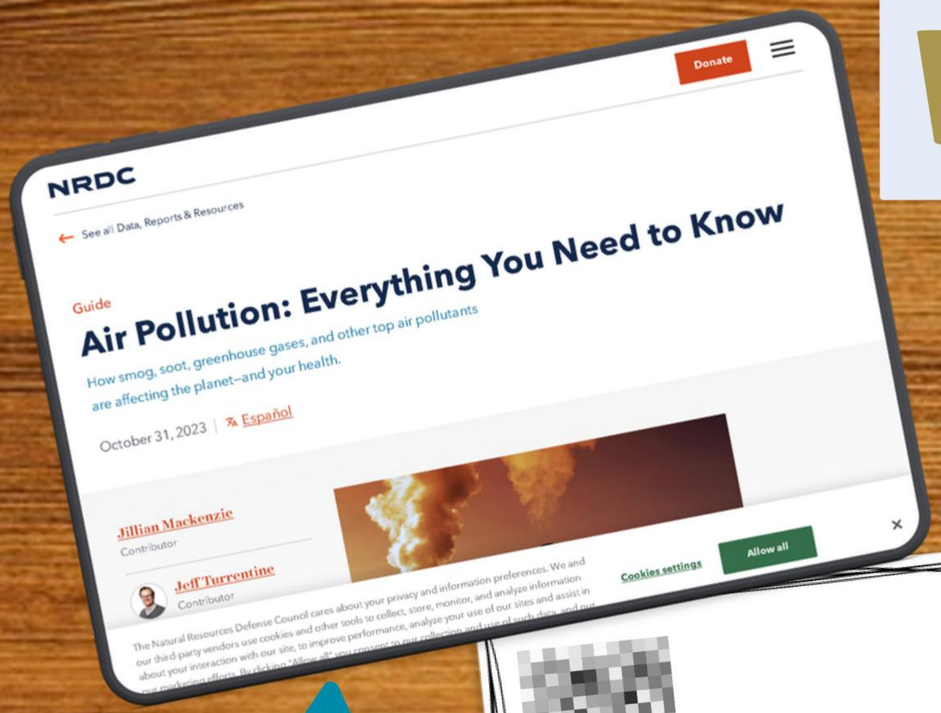
What Can We Do About Pollution?

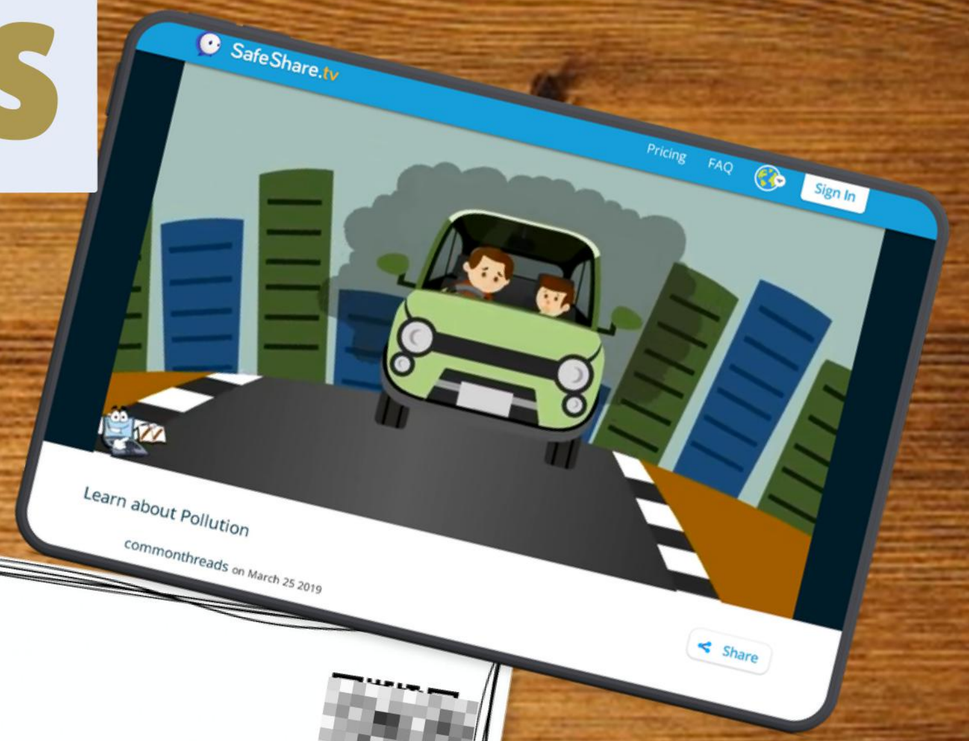
We have a **responsibility** to take care of the environment. Clean air, water, and land are important for all life on Earth. In the past 50 years, governments have passed l
companies to take care of environment around them.
cleaner today than it wa

BIG IDEA POSTERS

INFORMATIONAL ARTICLE

WEBSITES


NRDC
Donate
See all Data, Reports & Resources
Guide
Air Pollution: Everything You Need to Know
How smog, soot, greenhouse gases, and other top air pollutants are affecting the planet–and your health.
October 31, 2023 | Español
Jillian Mackenzie
Contributor
Jeff Turrentine
Contributor
Cookies settings
Allow all


SafeShare.tv
Pricing
FAQ
Sign In
Learn about Pollution
commonthreads on March 25 2019
Share


Web Sites
Pollution
Videos


Web Sites
Pollution
Videos

What I Remember About Pollution

Name: _____

1. What is pollution?

2. What are some natural sources of pollution?

3. What

Pollution Cloze Rea

Name: _____

Use the word bank to fill in the sentences about Pollution.

land	problem	air	
man-made	responsibility	natural	

Pollution is a _____ that affects many plants and a

something that is _____ or poisonous to plants and anima

Pollution can occur naturally or be man-made. _____

sandstorms, volcanic eruptions, and wildfires. _____ poll

factories, cars, and sewage, is caused by people.

Pollution can affect the water, the land, or the air. _____

affects the plants and animals that live near lakes, rivers, and oceans. It also affec

animals that drink the water. Chemicals from farms and factories are often dumped

Rain washes oils and chemicals from streets into sewers.

_____ pollution can be caused by chemicals from farms and factories,

as well as trash th people leave behind. Pollution soaks into the soil and affects our ability to grow

food and liv the land.

_____ pollution comes from cars and factories that produce carbon

mo de. Carbon monoxide is a poisonous gas and is dangerous when there is a lot of it in one place. It

cause breathing problems, and affects the sunlight that plants need to grow.

We have a _____ to take care of the environment. Clean air, water, and

and are important for all life on Earth. In the past 50 years, governments have passed laws that force

companies to take care of the environment around them.

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Pollution

Name: _____

Three Major Areas of Pollution

Ways to Reduce Pollution

Cause & Effect

Name: _____

Cut out the events and determine which are the cause and which the effect.

cause	→	effect
cause	→	effect
cause	→	effect
cause	→	effect

Main Idea & Details

Name: _____

Cut out the main idea and details. Determine which ones are the main ideas, and which details match each ma

M

M

Farmers use chemicals on plants that pollute the land.	Cars produce carbon monoxide that pollute the air.	
Some pollution occurs naturally.	Volcanoes spew ash and lava into the air.	Rain washes oils and chemicals from streets into streams and oceans.
Factories produce chemicals that pollute the water and the land.	Sandstorms in the desert cover plants and fill up water sources.	Volcanoes create lava that destroys plants and animals.
Wildfires produce smoke and ash.	Most pollution is man-made.	

What Should I Do?

Name: _____

Read the scenario. Write what you would do and why.

You are on a walk with your family and see trash on the ground. What do you do?	
You see someone changing their car oil and dumping the oil into the street. What could you say to them?	
...can bi... the libra... ...ake a car, ...do you get to the library?	
Ye... ...gives you a ...stic water bottle and packs your lunch in a pap... ...what ...range?	
Your school does not have a way to recycle paper. What would you do to start a recycling program?	

CLOZE READING AND COMPREHENSION ACTIVITIES

CAUSE-AND-EFFECT & MAIN IDEA SORTING ACTIVITIES

Directions: Cut apart the labels and each fact. Sort each fact into the best category or do an open sort and create your own categories.

Natural

Man-made

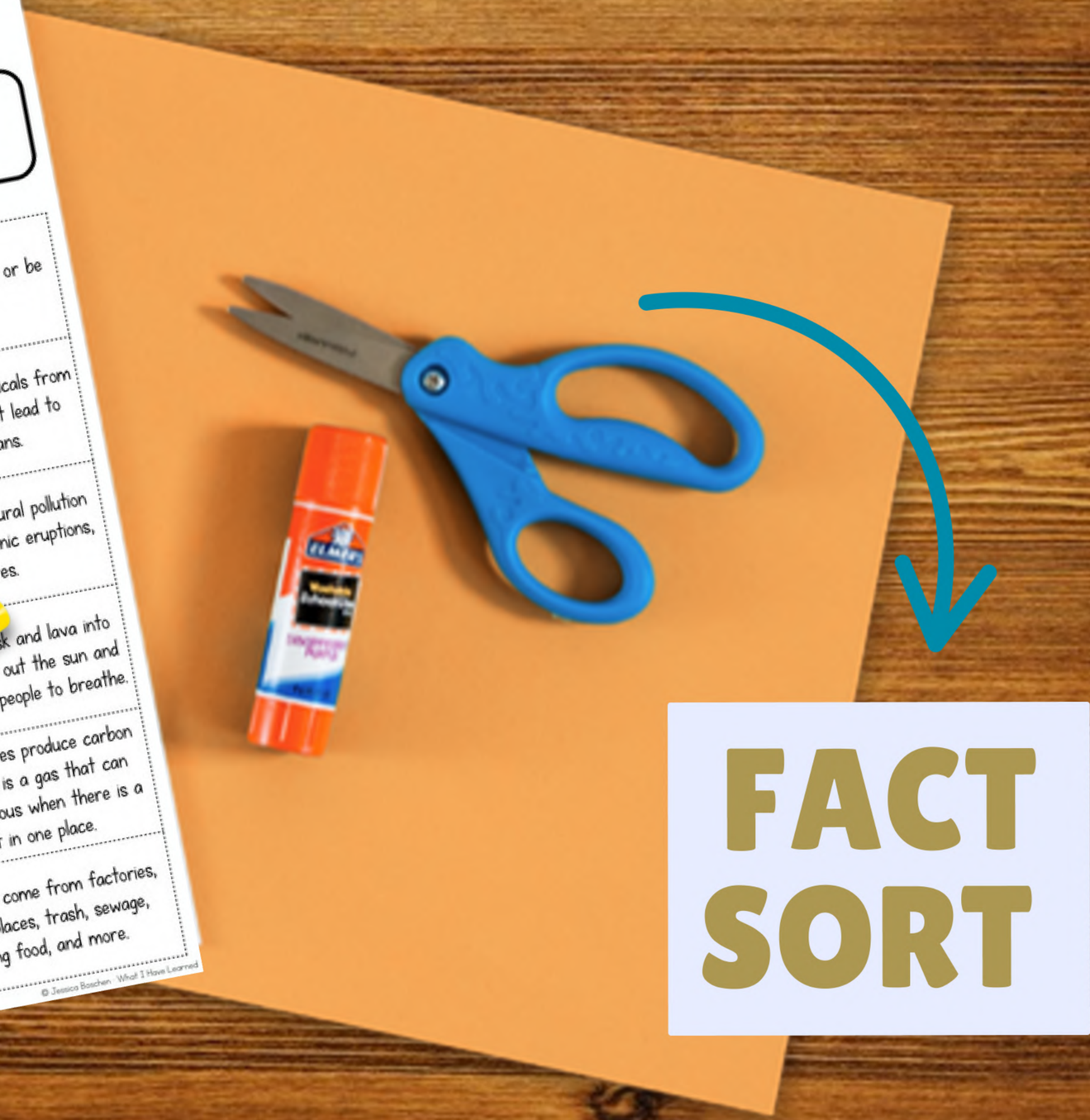
Affect on the Environment

For a more advanced sort, do an open sort and make up your own categories.

Pollution affects three main areas of the environment: water, land, and air.	Wildfires produce smoke and ash. Like volcanoes, they pollute the air and make it hard for people to breathe.	Pollution can occur naturally or be man-made.
Pollution is a … many plants and animals.	… the soil.	…ples of natural pollution …orms, volcanic eruptions, and wildfires.
In the past, factories … plants buried chemicals underground. The containers leak…	… poisonous …	
Sandstorms pollute an… covering plants and filling… sources.	…	…s ask and lava into …his blocks out the sun and makes it hard for people to breathe.
Carbon monoxide redu… This can cause breathin… and affects the sunlight … need to grow.	… governments …ed laws that force companies to take care of environment around them.	Cars and factories produce carbon monoxide. This is a gas that can become dangerous when there is a lot of it in one place.
Most pollution is man-made, or caused by people.	We have a responsibility to take care of the environment. Clean air, water, and land are important for all life on Earth.	Pollution can come from factories, cars, fireplaces, trash, sewage, growing food, and more.

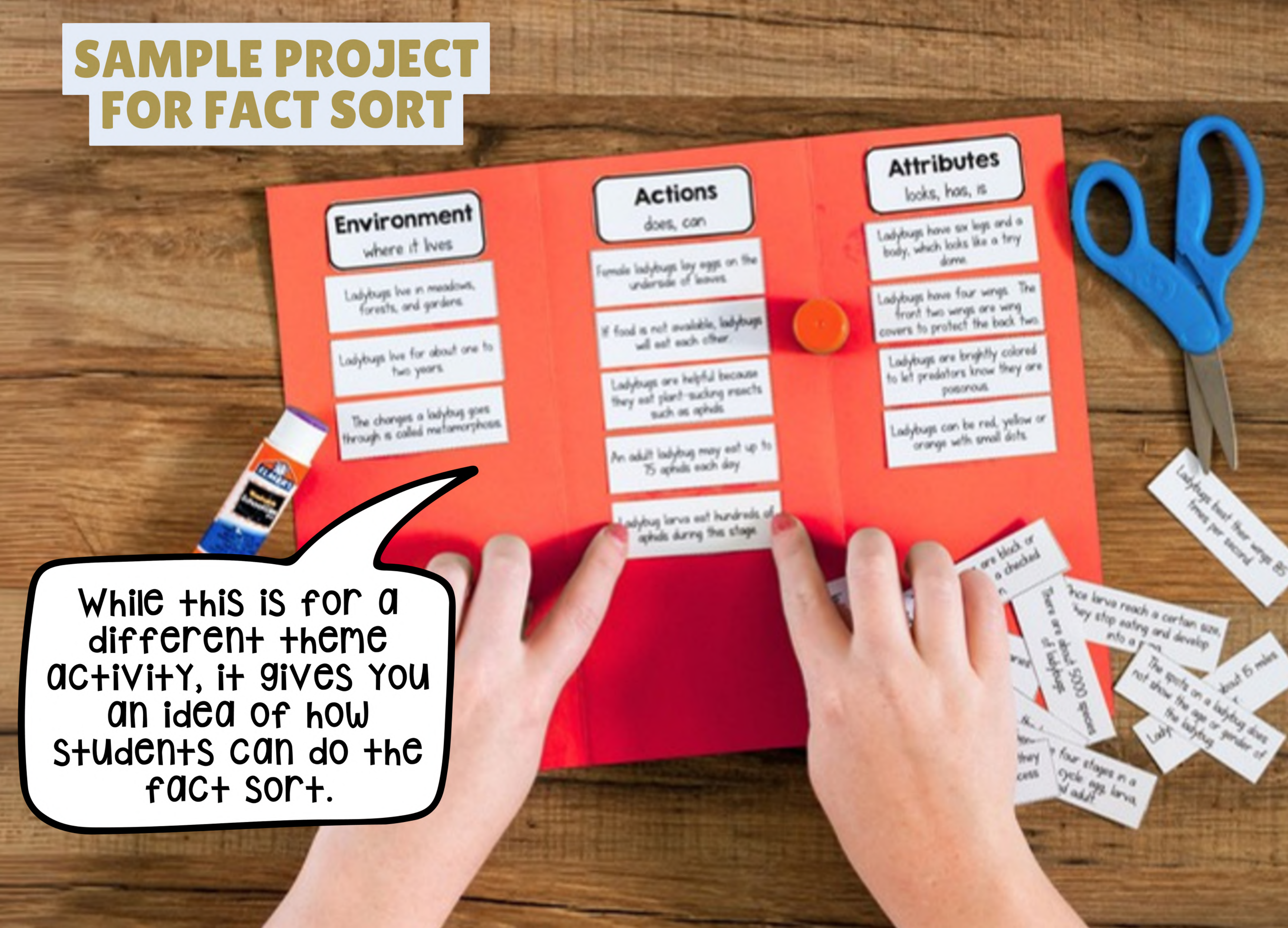
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FACT SORT

SAMPLE PROJECT FOR FACT SORT





WAYS TO USE IN THE CLASSROOM

🌅 **Morning Work –** Build background knowledge with a short nonfiction reading

👩‍🏫 **Whole-Group Lessons –** Read and discuss pollution types and impacts together

📚 **Small Groups –** Practice vocabulary and sorting activities with guidance

📝 **Independent Practice –** Complete comprehension questions and writing prompts

💻 **Research Extension –** Explore QR code links and videos for deeper learning

🏠 **Homework or Centers –** Assign writing pages or discussion cards for reflection

YOU WILL LOVE THIS BECAUSE



Makes Environmental Science Student–Friendly

Clear explanations and visuals help students understand complex pollution concepts without overwhelming language or abstract ideas.



Integrates Science and ELA Seamlessly

Students practice reading comprehension, vocabulary, writing, and critical thinking while learning meaningful environmental science content.



Easy to Prep and Easy to Teach

Print-and-go pages plus digital options save time and work perfectly for centers, whole-group lessons, or sub plans.

TEACHERS LOVE IT!



"I absolutely love this bundle! It brought so much joy to my students and kept them engaged the entire time. Super interactive and fun!"

Victoria A.



"This resource is a great addition to my teaching! It's easy to use, and perfect for my kids. I especially love how kid-friendly it is. Would definitely recommend!"

Kallie S.



My passion is making learning accessible to all students. I love scaffolding learning, breaking down the concepts and building them up so that students can see the connections. I love figuring out the small components that build up to the big ideas and helping students see it all.



What I have LEARNED