

ENVIRONMENTAL SCIENCE

Learn about the environment and how humans can make changes to improve the world in which we live!

OIL SPILL

This eye-opening oil spill activity will sure to be a hit with your kids.



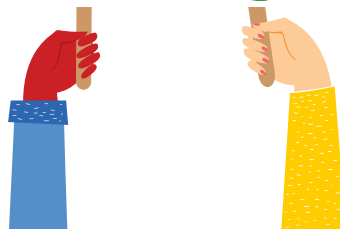
ACID RAIN

Learn about filtration and make your own water filter at home or in the classroom.

STORMWATER RUNOFF

Make this super simple water wheel at home or in the classroom from paper cups and a straw.

Eco
Friendly



CARBON FOOTPRINT

Design and build a solar oven with a whole group or as a backyard boredom buster.

OCEAN FLOOR

Be inspired by scientist and map builder, Marie Tharp and make your own relief map of the world.

BEACH EROSION

This fun and easy ocean science activity is sure to be a hit with your kids, with hands-on learning!



How to Use This Environmental Science Guide

This guide is designed to help you get started with simple, hands-on environmental science activities for kids. Just pick one activity and begin—no need to do everything at once! Each product is linked to the full instructions on the website

Start Simple

Choose a topic like water, pollution, or energy, and try one activity. Focus on exploring and asking questions rather than getting everything “right.”

Try This Easy Plan

Day 1: Talk about the topic
What do kids already know?

Day 2: Do the activity
Explore and observe what happens.

Day 3: Discuss
What did you notice? What would you try next?

Think Like a Scientist

Use the recording pages to:

- Ask a question
- Make a prediction
- Test ideas
- Record results

Make It Work for Any Age

Younger kids can draw and talk about what they see.
Older kids can write, predict, and connect to real-world ideas.

Want More?

Looking for a complete, organized plan?

Check out the full [Environmental Science Activity Pack](#) for ready-to-use lessons and student pages.

**Tip: Start
with just
one activity
—simple is
best!**



SCIENCE INVESTIGATION PLANNER

PLAN YOUR EXPERIMENT LIKE A SUPER SCIENTIST

INVESTIGATION TITLE

MATERIALS

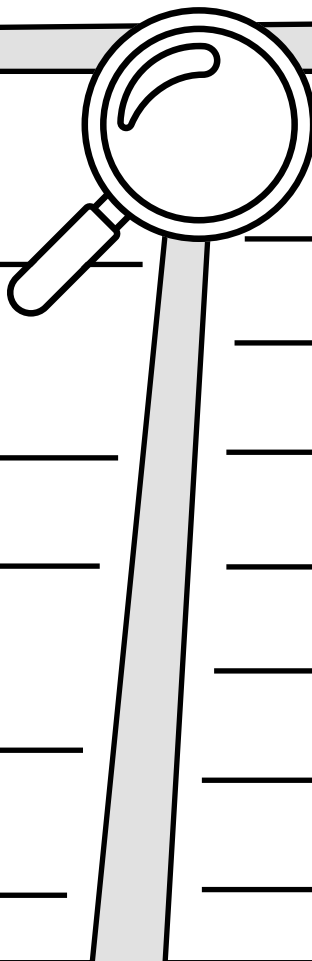
BIG QUESTION

PREDICTION

OBSERVATIONS

RESULTS

CONCLUSION



I Can Recycle

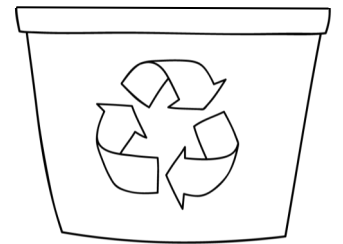
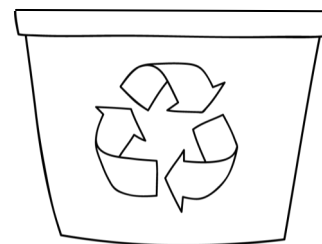
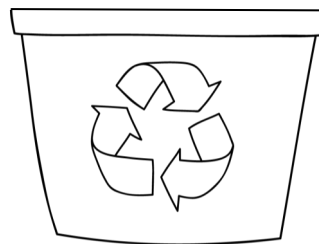
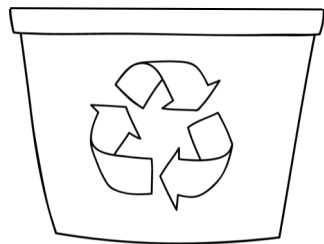
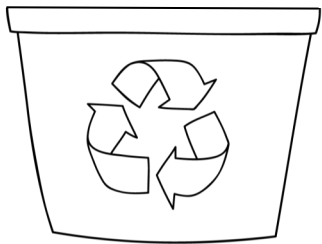
Paper

Plastic

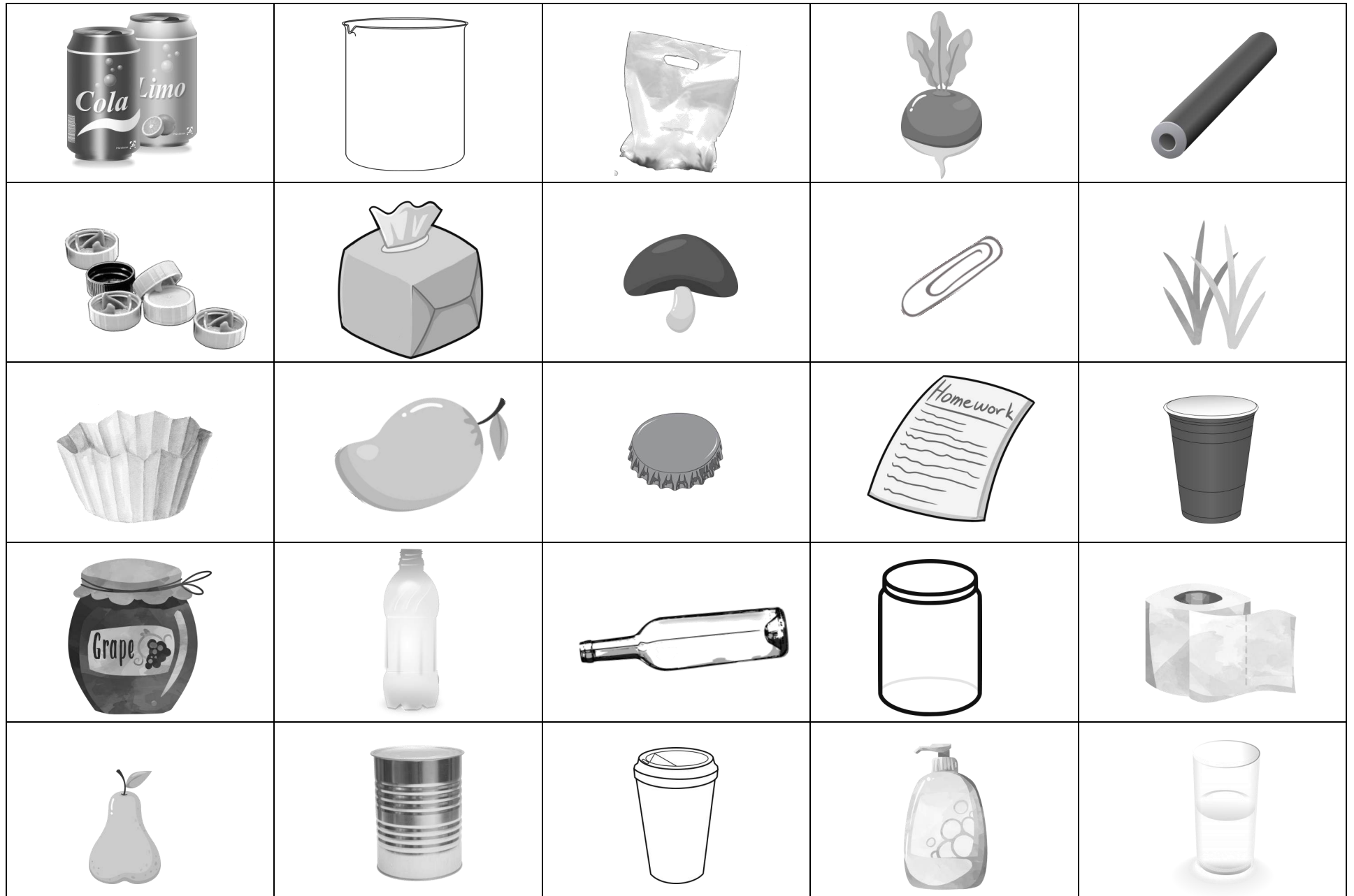
Glass

Metals

Compost



Cut & Sort



EARTH DAY FUN

EVERY DAY WE CAN DO OUR PART TO KEEP THE WORLD CLEAN AND BEAUTIFUL. WE CAN LEARN HOW TO CONSERVE RESOURCES AND PROTECT THE PLANET!



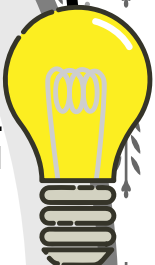
MEASURE YOUR FOOTPRINT ON THE WORLD

Trace around your foot and use it to measure your room! Your footprint on this world is how much space you use. You can also measure each room of the house.



BRUSHING TEETH WATER CONSERVATION ACTIVITY

Place a bowl under the faucet and brush your teeth for the full two minutes with the water running. Measure the amount of water in the bowl. Now compare that to brushing your teeth for the full two minutes with the water only running when necessary. Measure that amount of water and compare the two.



HOW MANY LIGHTS ARE ON GRAPHING ACTIVITY

At breakfast, lunch, and dinner, check out how many lights are on and write down the numbers. You can also check more frequently during the day. You can then graph it! Add the total for the day and keep track over the course of the week. You can have a daily graph and then a graph of the daily totals for the whole week.



THE IMPACT OF TRASH

Last year we took a walk around the neighborhood and collected any trash we could find.

You can do this just about anywhere trash is thrown on the side of the road. Put all your trash in a bin of clean water. Talk about what happens to the water over the next 24 hours.



GO-SCREEN FREE FOR THE DAY

Use less energy and unplug! Read a book, ride your bike, play a board game, make art, or anything else you enjoy that doesn't require energy. Using less energy keeps the planet and everyone on it healthier for the future!

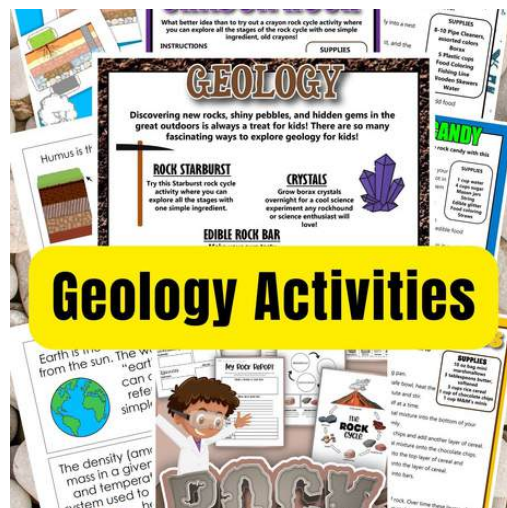
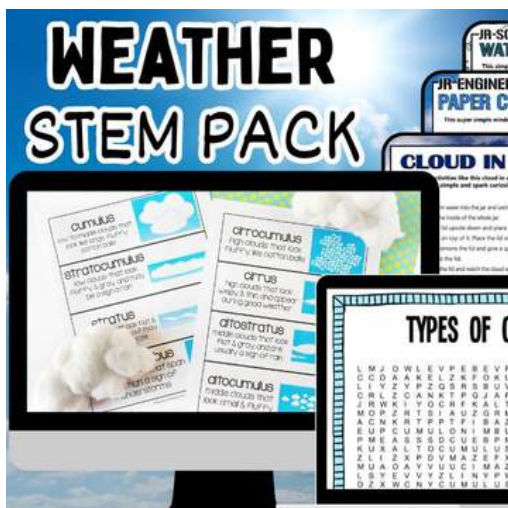
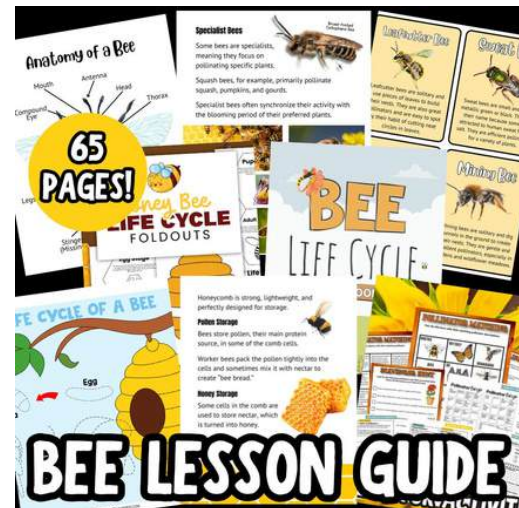
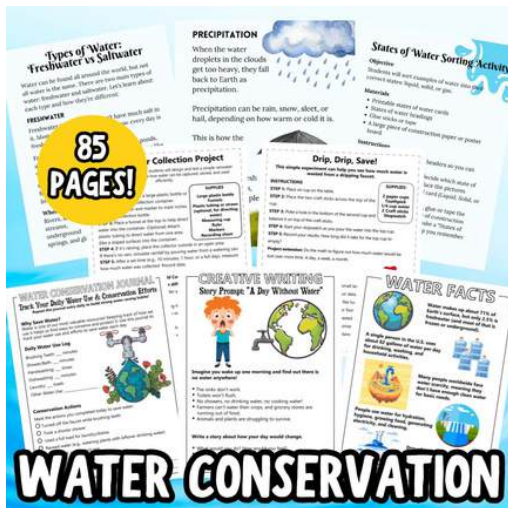
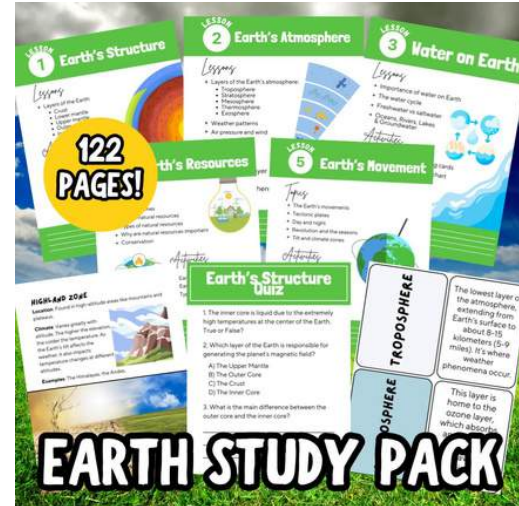
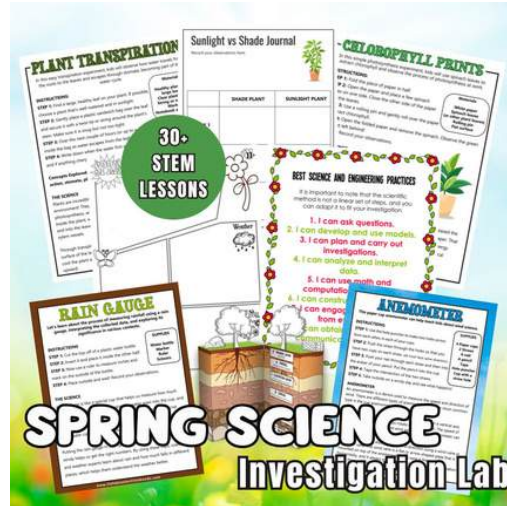
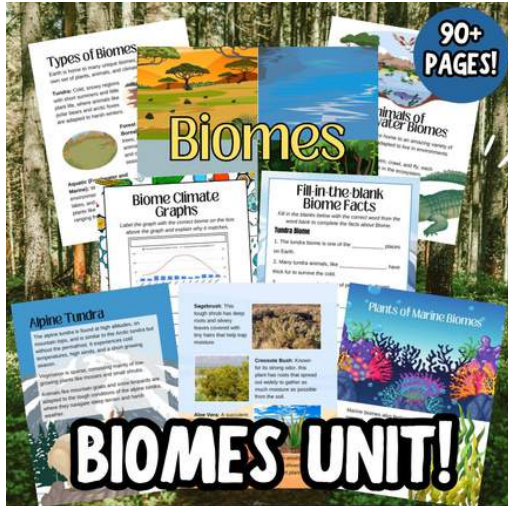
CONNECT WITH NATURE

When you connect with nature you naturally want to protect its beauty! Get outside and explore. It's a great opportunity to go screen-free and conserve energy too. Find a new trail, go to the beach, or just play games in the backyard. Share the enjoyment of the outdoors with your kiddos and it will help them understand why the environment is so important.



LITTLE BINS
LITTLE HANDS

More Spring Labs



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