

AIR POLLUTION

WHAT IS AIR POLLUTION?

Air pollution happens when harmful particles and gases enter the air and make it unhealthy to breathe.

THIS CAN INCLUDE:

Smoke
Car exhaust
Dust and dirt particles
Chemicals and fumes

Some air pollution is visible—but much of it is too small to see and can still affect people, animals, and the environment.

THINK ABOUT IT

What did you observe on your collector?
Where did the particles come from?
Which location had the most pollution?
Why is clean air important?

TAKE ACTION!!

Small changes can help!
You can:
Reduce waste
Walk or bike when possible
Turn off engines when not in use
Plant trees and protect green spaces

KEEP EXPLORING!

Find full activity instructions and more science ideas online.
Explore more: Little Bins for Little Hands
Use this page with your Science Investigation Planner to record your results.

www.littlebinsforlittlehands.com

TRY THESE SIMPLE ACTIVITIES (CLICK LINKS BELOW)

☐ 1. Air Quality Test

Place a sticky surface outside to collect particles from the air.

☐ What do you notice after 24 hours?

☐ 2. Clean Air vs Polluted Air Model

Compare how clean air and polluted air affect visibility using simple materials.

☐ Can you “see” the difference?

☐ 3. Build a Simple Air Filter

Design a way to trap particles using household materials.



SCIENCE INVESTIGATION PLANNER

PLAN YOUR EXPERIMENT LIKE A SUPER SCIENTIST

INVESTIGATION TITLE

MATERIALS

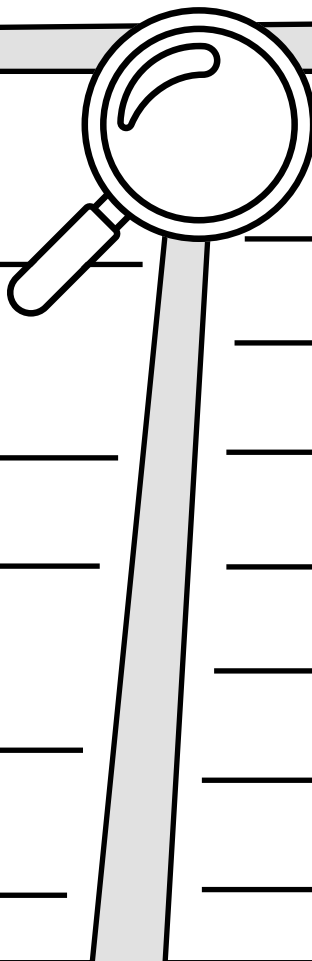
BIG QUESTION

PREDICTION

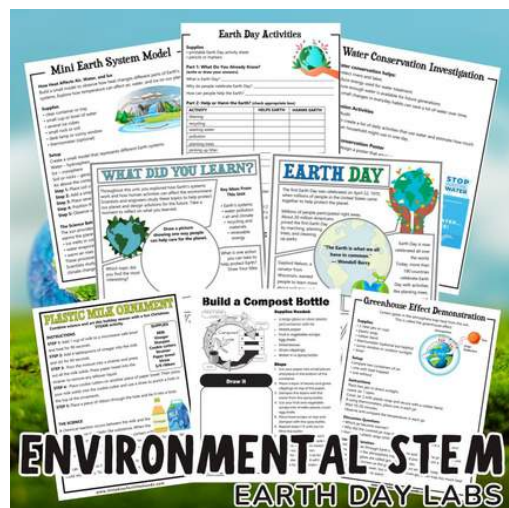
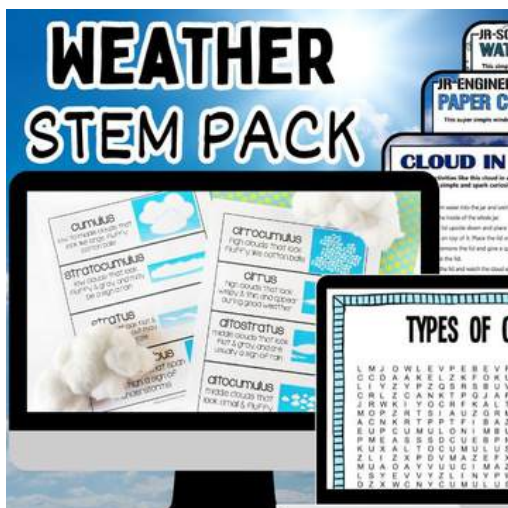
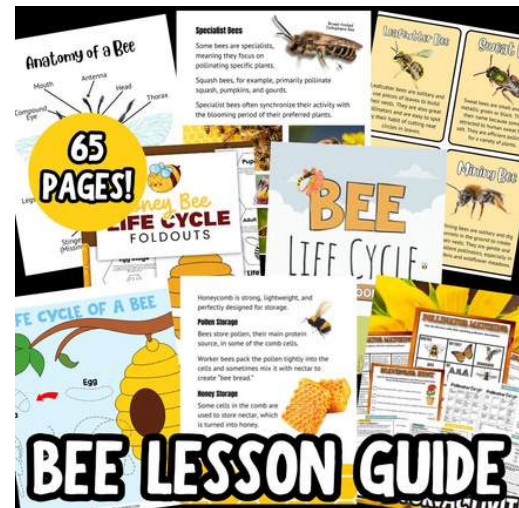
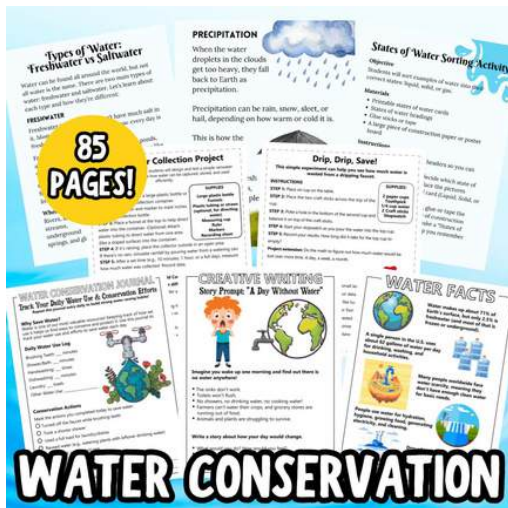
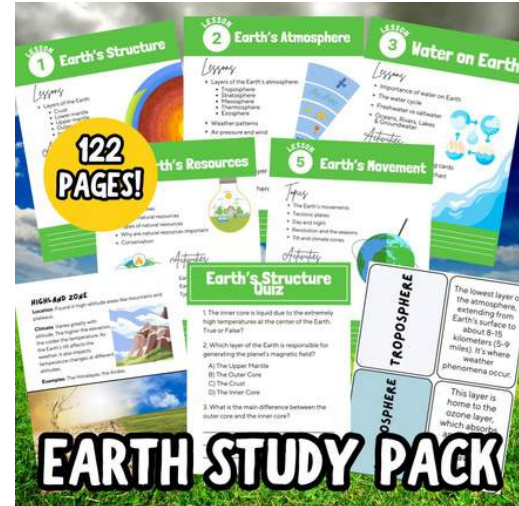
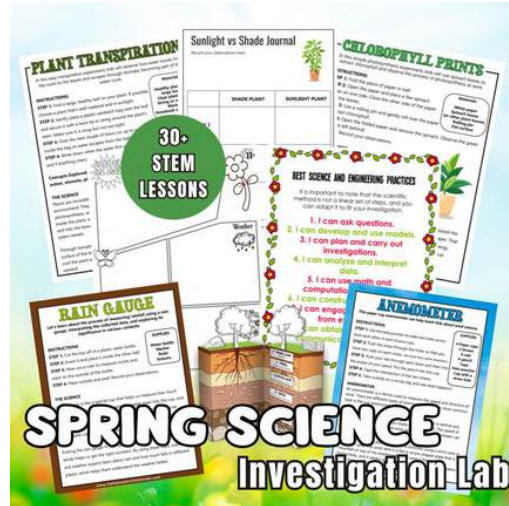
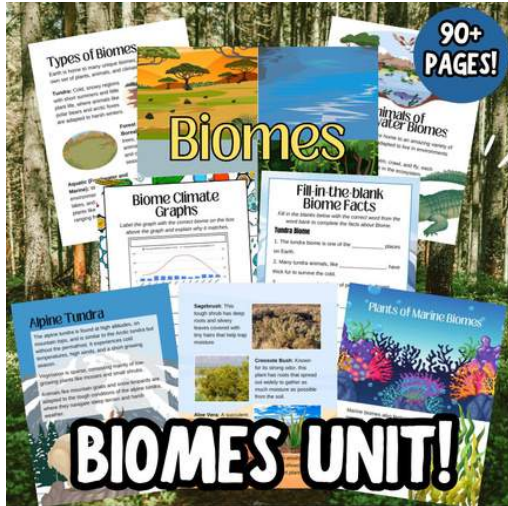
OBSERVATIONS

RESULTS

CONCLUSION



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