What's Included

- ✓ 2 instructional PowerPoints
- ✓ Daily lesson plans
- ✓ Booklet with an activity for each day
- ✓ Earth Day writing & craft activity
- ✓ STEM challenge" trash-to-tool activity
- ✓ Original informational reading passage
- ✓ Answer Key



5 Days of Activities

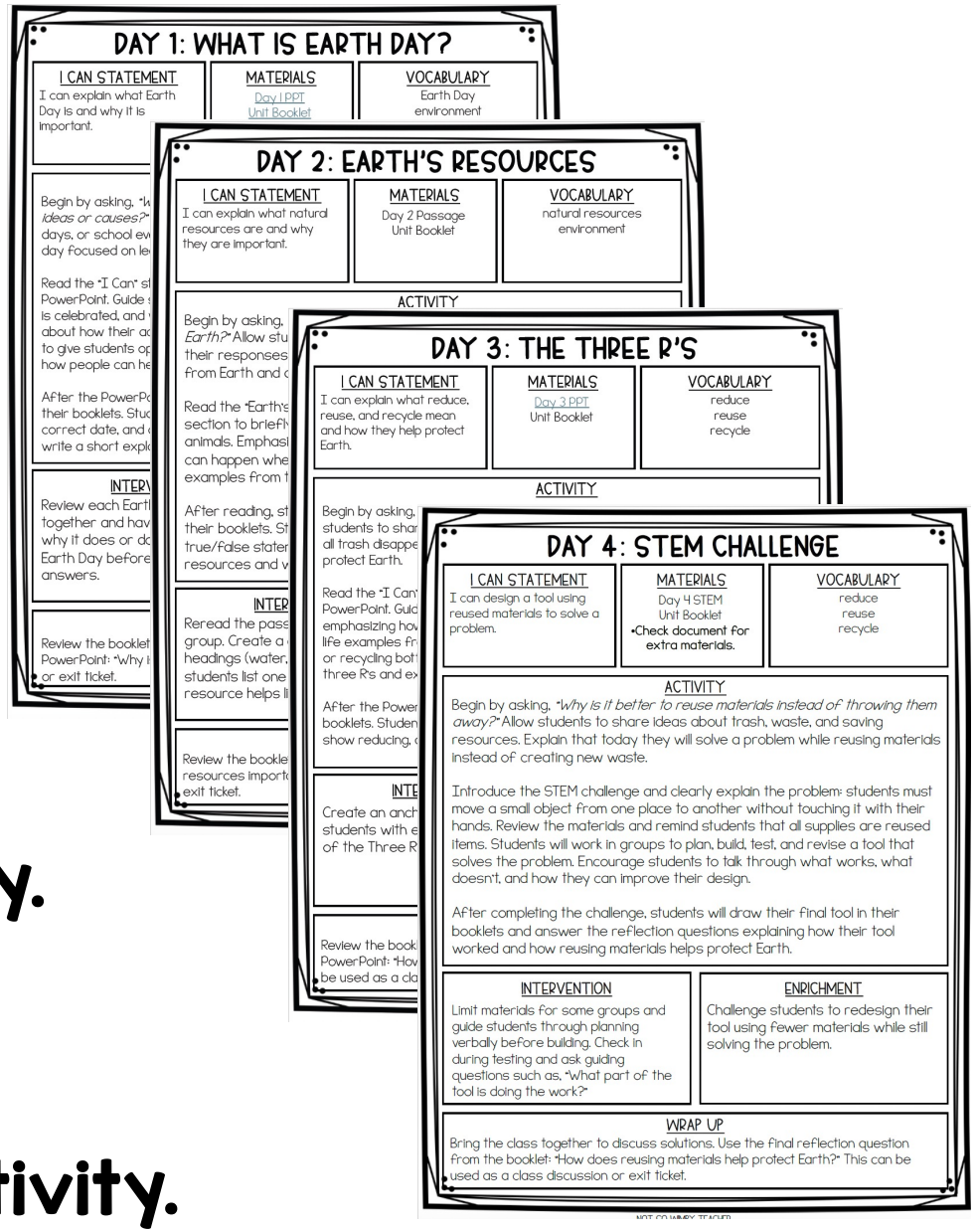
This unit includes two instructional PowerPoints that teach the concept.

Students will practice the skill using a guided booklet, hands-on activities, STEM challenge & a reading passage.

STEM trash-to-tool activity.

Included answer key.

BONUS school clean-up activity.



DAY 1: WHAT IS EARTH DAY?

I CAN STATEMENT	MATERIALS	VOCABULARY
I can explain what Earth Day is and why it is important.	Day 1 PPT Unit Booklet	Earth Day environment

DAY 2: EARTH'S RESOURCES

I CAN STATEMENT	MATERIALS	VOCABULARY
I can explain what natural resources are and why they are important.	Day 2 Passage Unit Booklet	natural resources environment

ACTIVITY

DAY 3: THE THREE R'S

I CAN STATEMENT	MATERIALS	VOCABULARY
I can explain what reduce, reuse, and recycle mean and how they help protect Earth.	Day 3 PPT Unit Booklet	reduce reuse recycle

ACTIVITY

DAY 4: STEM CHALLENGE

I CAN STATEMENT	MATERIALS	VOCABULARY
I can design a tool using reused materials to solve a problem.	Day 4 STEM Unit Booklet •Check document for extra materials.	reduce reuse recycle

ACTIVITY

Begin by asking, *"Why is it better to reuse materials instead of throwing them away?"* Allow students to share ideas about trash, waste, and saving resources. Explain that today they will solve a problem while reusing materials instead of creating new waste.

Introduce the STEM challenge and clearly explain the problem: students must move a small object from one place to another without touching it with their hands. Review the materials and remind students that all supplies are reused items. Students will work in groups to plan, build, test, and revise a tool that solves the problem. Encourage students to talk through what works, what doesn't, and how they can improve their design.

After completing the challenge, students will draw their final tool in their booklets and answer the reflection questions explaining how their tool worked and how reusing materials helps protect Earth.

INTERVENTION

Limit materials for some groups and guide students through planning verbally before building. Check in during testing and ask guiding questions such as, "What part of the tool is doing the work?"

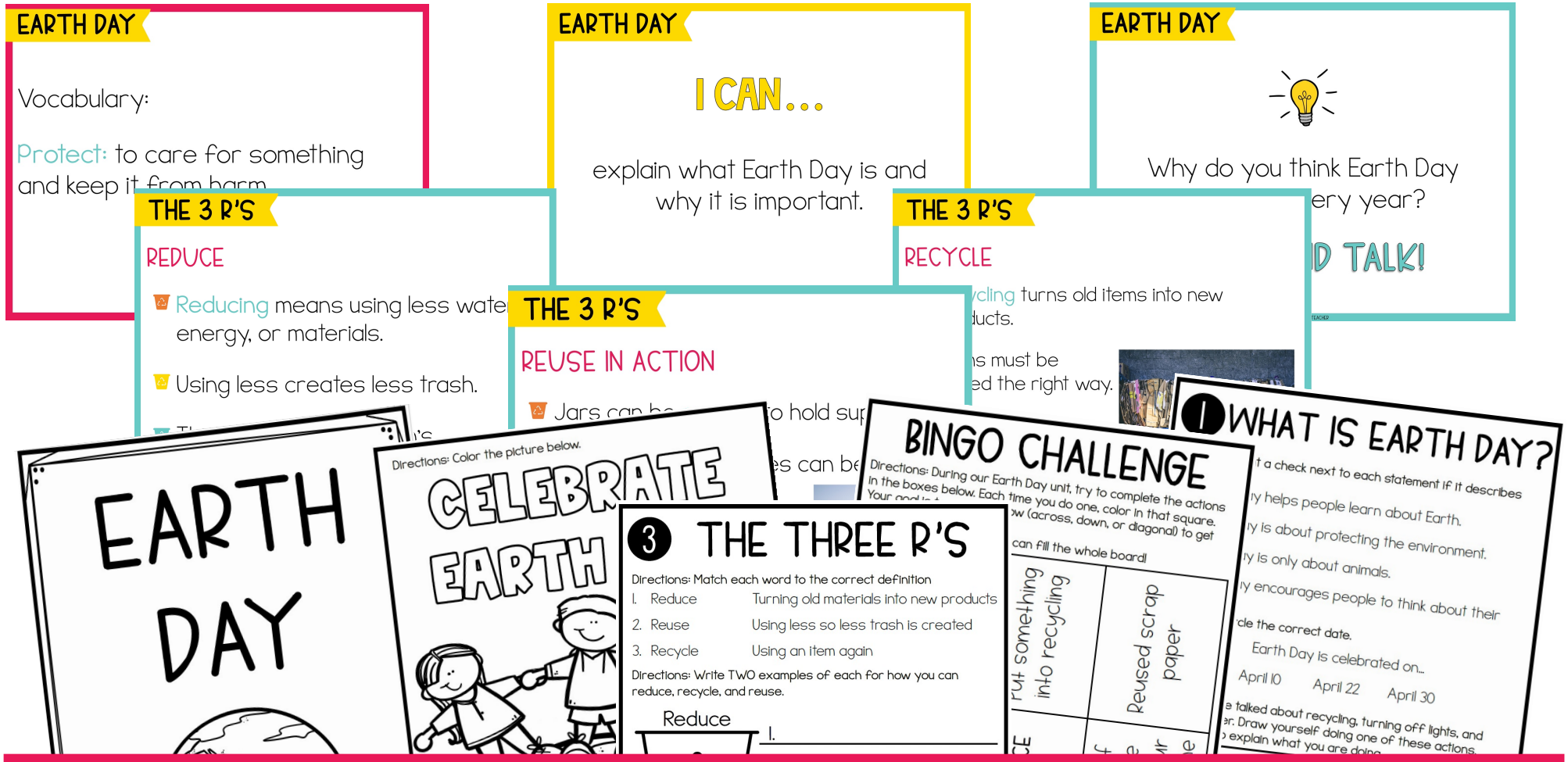
ENRICHMENT

Challenge students to redesign their tool using fewer materials while still solving the problem.

WRAP UP

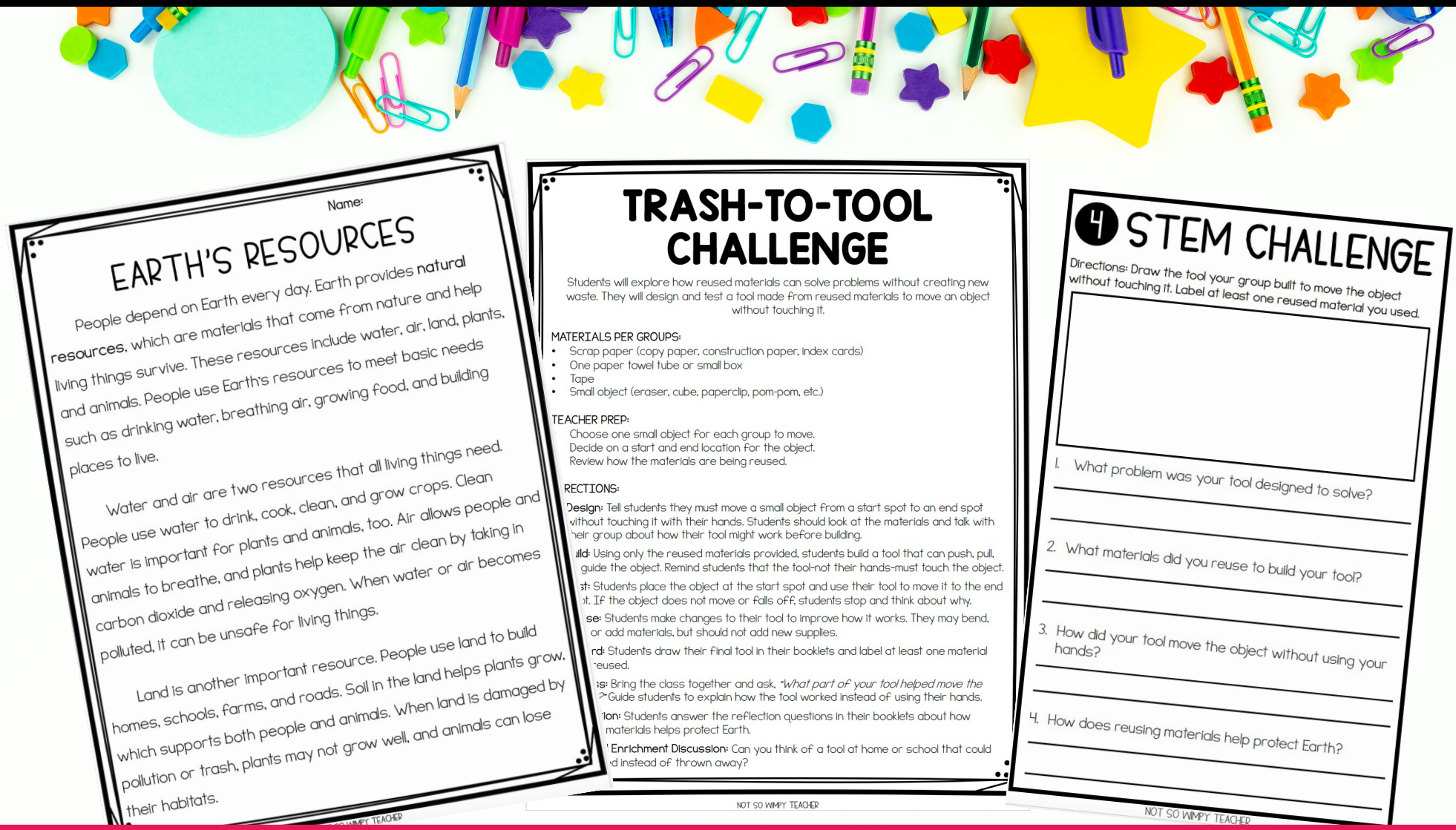
Bring the class together to discuss solutions. Use the final reflection question from the booklet: "How does reusing materials help protect Earth?" This can be used as a class discussion or exit ticket.

PowerPoint Lessons



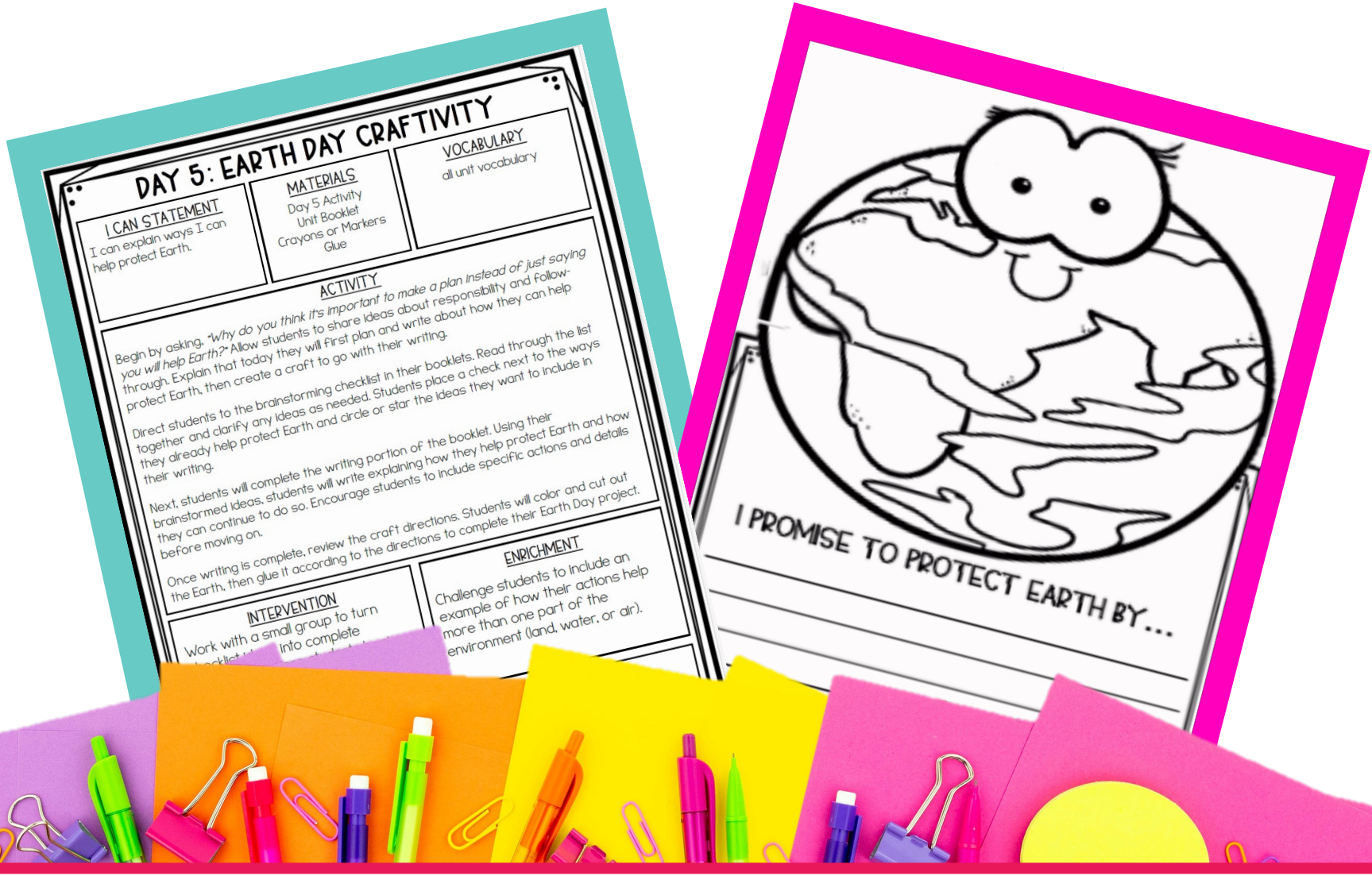
Each lesson is designed to be taught in 30 minutes, with all student work completed in their booklets. You can choose to take a daily grade, completion grade, or grade for accuracy.

STEM Activities



Students practice the skill with an informational reading passage and hands-on STEM activity.

Earth Day Craftivity



Students will complete an Earth Day writing piece and craft, perfect for a bulletin board or hallway display!