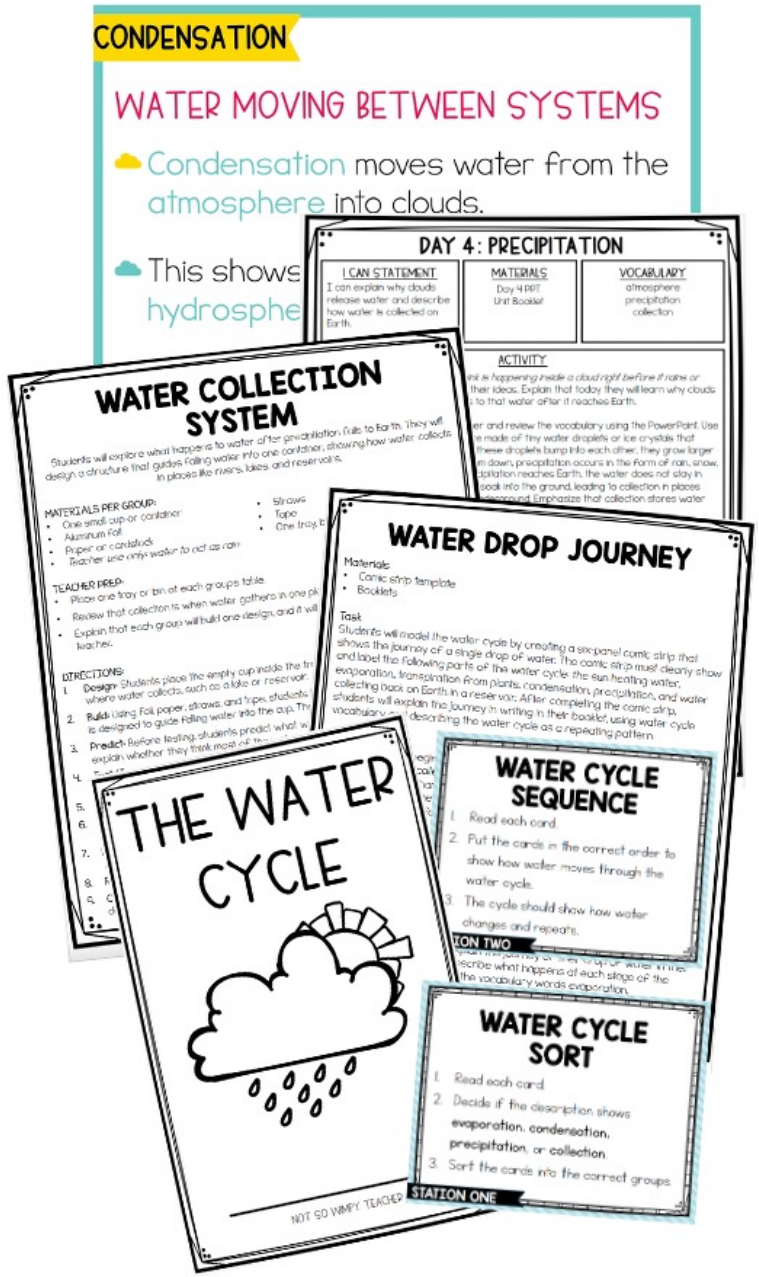
What's Included

- ✓ 4 instructional PowerPoints
- ✓ Daily lesson plans
- ✓ 14 vocabulary cards
- ✓ 20 task cards
- ✓ Booklet with an activity for each day
- ✓ Water cycle science station activities
- ✓ Water Drop comic strip Activity
- ✓ Water Collection STEM Activity
- ✓ Original reading passage
- ✓ Assessment



10 Days of Activities

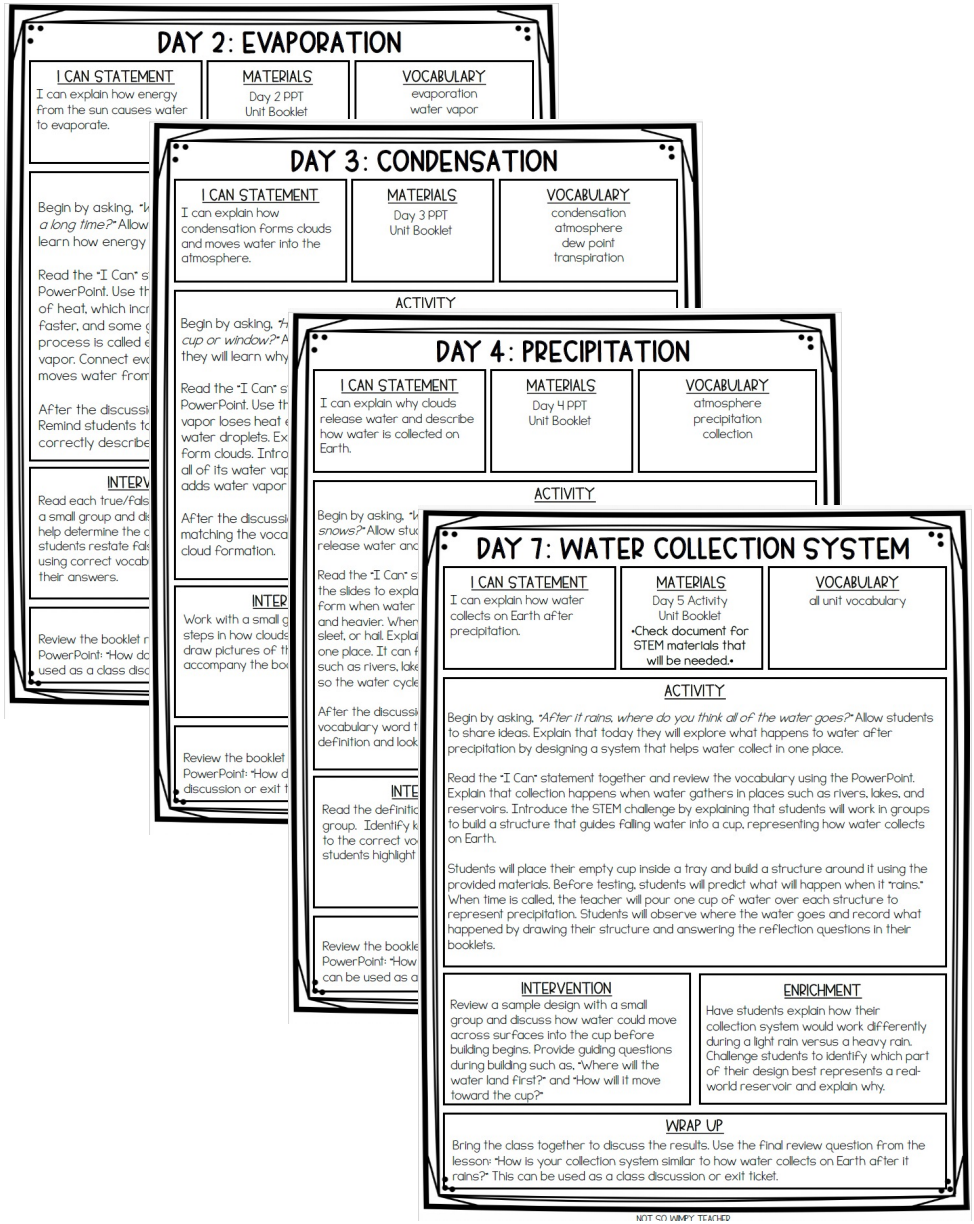
This unit includes four instructional PowerPoints that teach the concept.

Students will practice the skill using guided booklets, hands-on activities, water cycle stations, and task cards.

Vocabulary cards for student reference.

Water drop cycle comic strip activity & water collection STEM activity.

Included unit assessment.



PowerPoint Lessons

PRECIPITATION

FUN FACT

The same water on Earth today has been moving through the water cycle for millions of

CONDENSATION

I CAN...

explain how condensation forms clouds and moves water into the atmosphere

CONDENSATION

Why do you think a desert humidity than a (like Florida)?

D TALK!

WATER

CURIOSITY SPARK

What do you think this picture shows



EVAPORATION

WHERE EVAPORATION HAPPENS

Evaporation can happen anywhere liquid water is

WATER

WHAT IS THE HYDROSPHERE?

ydrosphere includes all of the r on Earth.

ludes water in oceans, rivers, ice, ndwater, and the

Earth's water re

4 PRECIPITATION

efinition.

th Earth's surface

lls through warm air

ter is stored, such as oceans, lakes,

ound

t falls as ice crystals

that surrounds Earth

6 COMIC STRIP

Directions: After completing the co that the water drop goes on throu

5 WATER CYCLE

Directions: Label the water cycle using the word bank.

A. Precipitation C. Collection
B. Evaporation D. Condensation

7 STEM ACTIVITY

uestions throughout the STEM activity.

t will happen when it "rains"?

e water when it was poured

3 CONDENSATION

word to its definition

ere C. Transpiration
D. Condensation

e when air becomes cool enough for

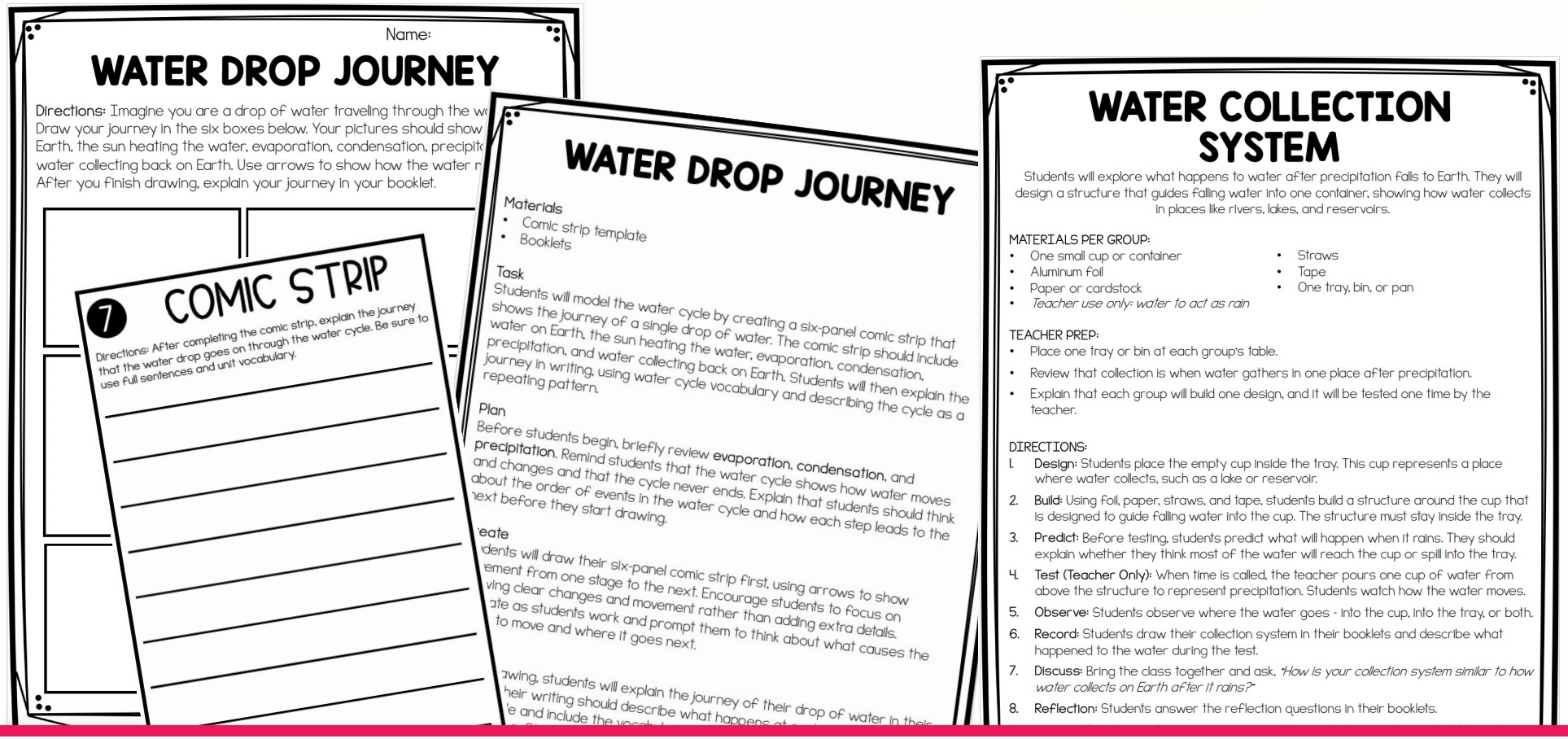
ease water vapor into the air. ____

that surrounds Earth. ____

por cools and turns back into liquid

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.

Activities



Name:

WATER DROP JOURNEY

Directions: Imagine you are a drop of water traveling through the w
Draw your journey in the six boxes below. Your pictures should show
Earth, the sun heating the water, evaporation, condensation, precipit
water collecting back on Earth. Use arrows to show how the water
After you finish drawing, explain your journey in your booklet.

COMIC STRIP

7

Directions: After completing the comic strip, explain the journey that the water drop goes on through the water cycle. Be sure to use full sentences and unit vocabulary.

WATER DROP JOURNEY

Materials

- Comic strip template
- Booklets

Task

Students will model the water cycle by creating a six-panel comic strip that shows the journey of a single drop of water. The comic strip should include water on Earth, the sun heating the water, evaporation, condensation, precipitation, and water collecting back on Earth. Students will then explain the journey in writing, using water cycle vocabulary and describing the cycle as a repeating pattern.

Plan

Before students begin, briefly review **evaporation**, **condensation**, and **precipitation**. Remind students that the water cycle shows how water moves and changes and that the cycle never ends. Explain that students should think about the order of events in the water cycle and how each step leads to the next before they start drawing.

eate

dents will draw their six-panel comic strip first, using arrows to show ement from one stage to the next. Encourage students to focus on ving clear changes and movement rather than adding extra details. ate as students work and prompt them to think about what causes the to move and where it goes next.

awing, students will explain the journey of their drop of water in their heir writing should describe what happens at e and include the vocab

WATER COLLECTION SYSTEM

Students will explore what happens to water after precipitation falls to Earth. They will design a structure that guides falling water into one container, showing how water collects in places like rivers, lakes, and reservoirs.

MATERIALS PER GROUP:

- One small cup or container
- Aluminum foil
- Paper or cardstock
- *Teacher use only: water to act as rain*
- Straws
- Tape
- One tray, bin, or pan

TEACHER PREP:

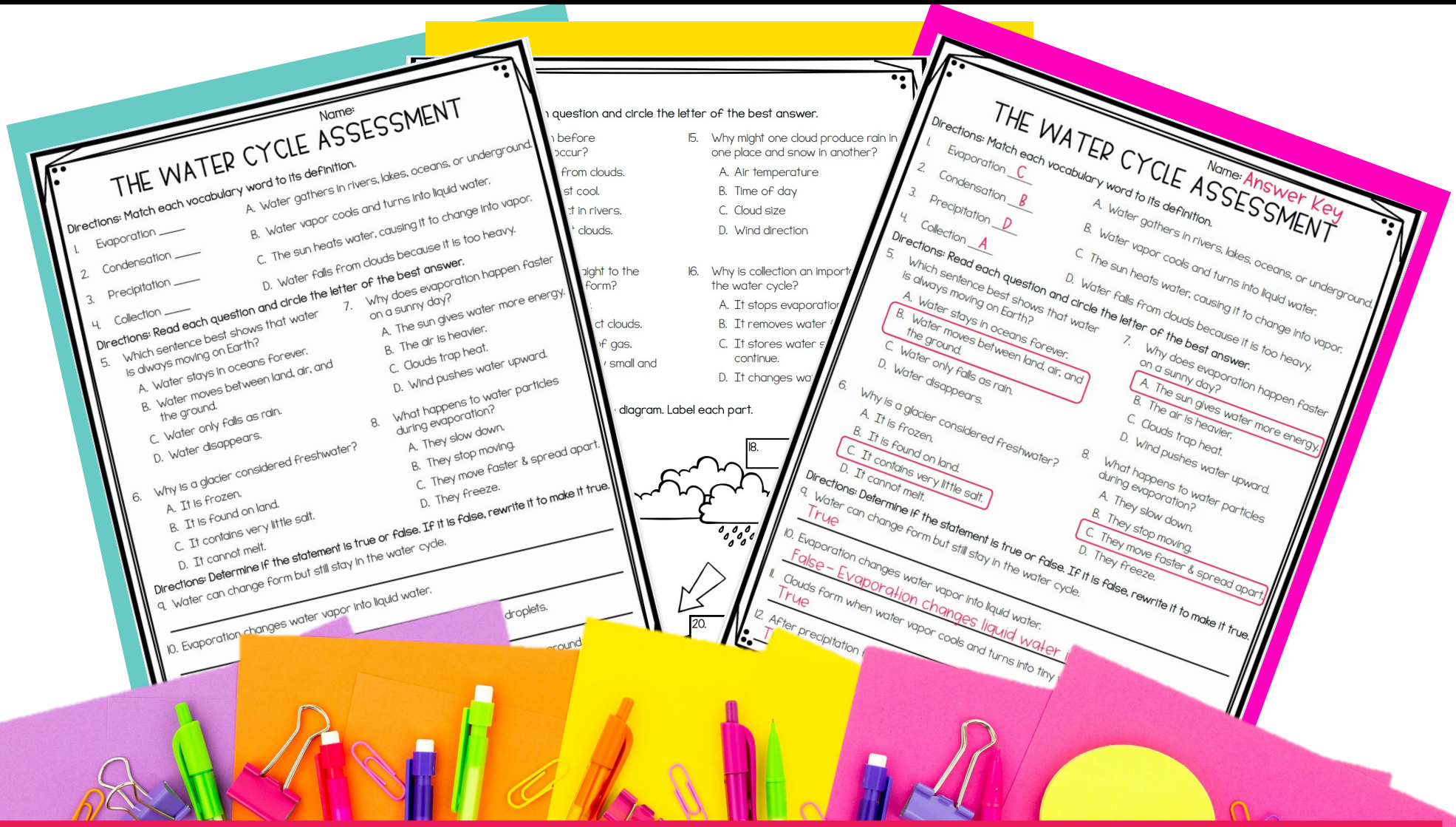
- Place one tray or bin at each group's table.
- Review that collection is when water gathers in one place after precipitation.
- Explain that each group will build one design, and it will be tested one time by the teacher.

DIRECTIONS:

1. **Design:** Students place the empty cup inside the tray. This cup represents a place where water collects, such as a lake or reservoir.
2. **Build:** Using foil, paper, straws, and tape, students build a structure around the cup that is designed to guide falling water into the cup. The structure must stay inside the tray.
3. **Predict:** Before testing, students predict what will happen when it rains. They should explain whether they think most of the water will reach the cup or spill into the tray.
4. **Test (Teacher Only):** When time is called, the teacher pours one cup of water from above the structure to represent precipitation. Students watch how the water moves.
5. **Observe:** Students observe where the water goes - into the cup, into the tray, or both.
6. **Record:** Students draw their collection system in their booklets and describe what happened to the water during the test.
7. **Discuss:** Bring the class together and ask, *"How is your collection system similar to how water collects on Earth after it rains?"*
8. **Reflection:** Students answer the reflection questions in their booklets.

Students will create a water drop journey comic strip, showing the water cycle in a fun and engaging way.

Assessment



A standards-aligned unit assessment is provided to evaluate students' understanding.