

Cycling of Matter in Ecosystems Lesson

Google & Office
Versions

No-Prep & Fully
Editable

- ✓ Comprehensive Lesson Package
- ✓ Interactive & Video-Enhanced
- ✓ Google & Office Compatible
- ✓ Assessment Included

Over 670 Units Sold!

“★★★★★ Extremely satisfied - This is a wonderful resource. It helped my students to break down the concept easily.”

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to take a look inside!

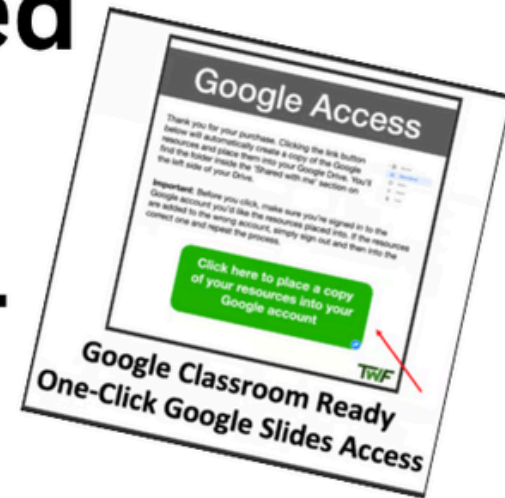


HOW THIS LESSON HELPS YOU

- **Saves Prep Time** - Everything is pre-made, ready to go, and fully editable.
- **Provides Built-In Assessments** - The auto-graded exit ticket lets you quickly check for understanding.
- **Provides Applicability** - the lesson includes multiple examples of real-life applications.

NO PREP

- ✓ **Simply Download and Project/Upload** to your Class Site.
- ✓ **Assessment Included** 4-question Exit Ticket.
- ✓ **Interactive & Video-Enhanced**
- ✓ **Google & Office Compatible**



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★ A Complete, Fully-Editable Lesson & Student Notes

★ Teacher and Student Versions of your Lesson with Embedded Videos

★ Auto-Graded Exit Ticket

What You Get

**CYCLING OF MATTER IN
ECOSYSTEMS LESSON**
TEACHER & STUDENT VERSION

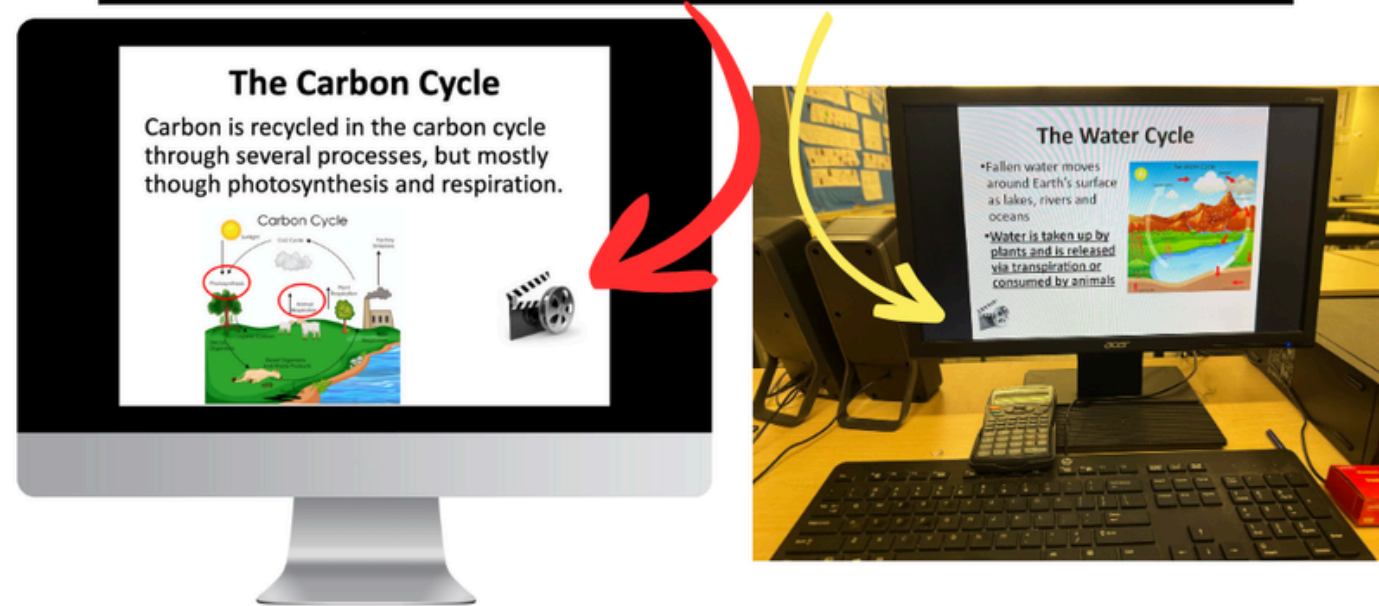


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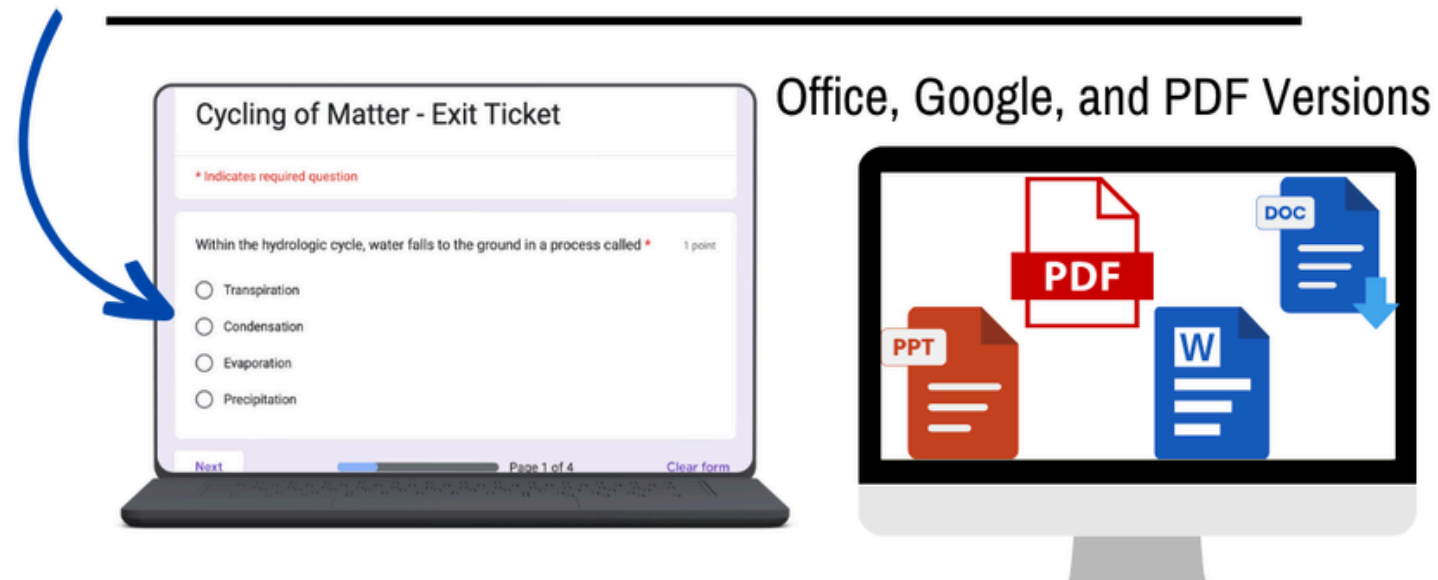
★★★★★ Extremely satisfied - Our books are rather boring on this subject, but this made it more engaging and interesting. I have used it with 4 different groups. Definitely worth the purchase!

What Will Your Students Learn?

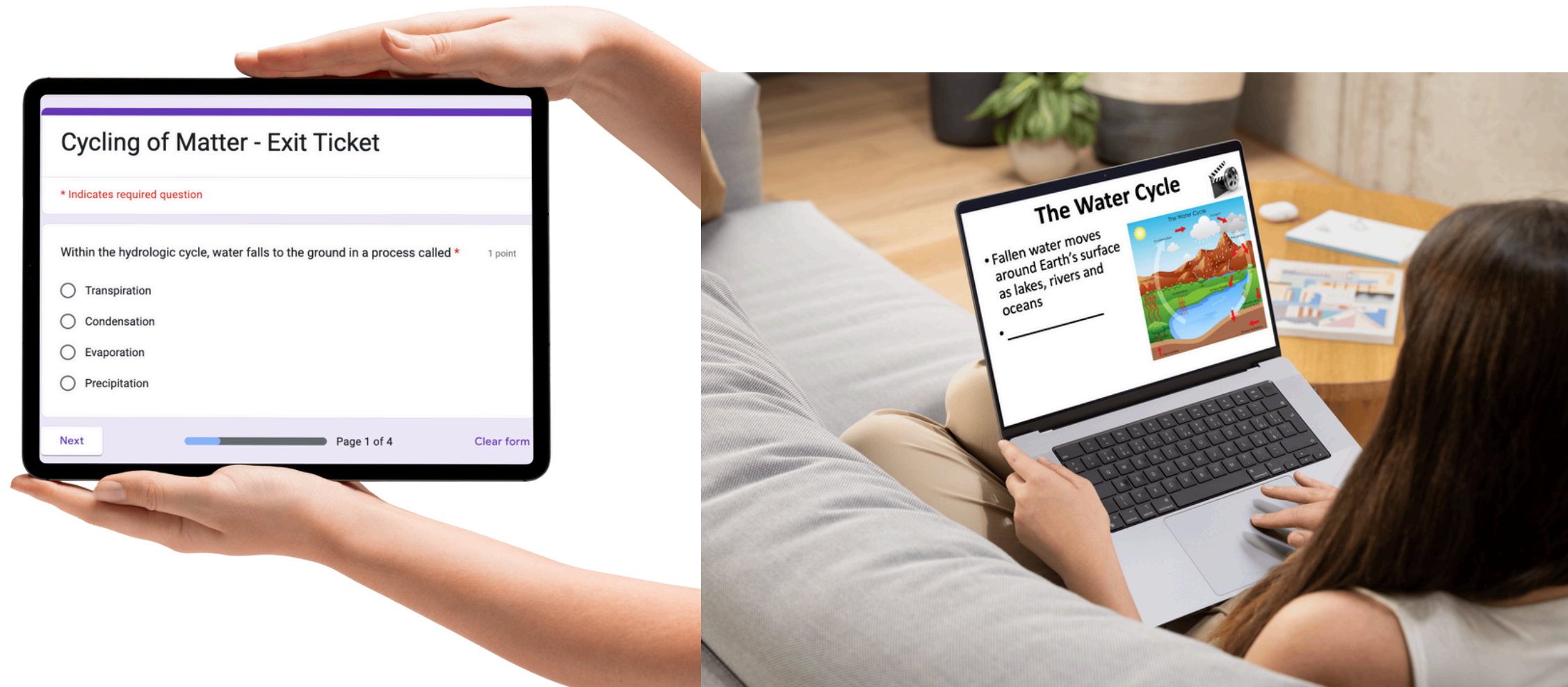
Videos Embedded



4-Question Auto-Graded Exit Ticket



- ✓ The Water Cycle
- ✓ The Carbon Cycle
- ✓ The Nitrogen Cycle
- ✓ The Phosphorus Cycle





Your Lesson

Cycling of Matter in Ecosystems – Student Lesson Outline

Biogeochemical Cycles

- All water and nutrients must be produced or obtained from chemicals already present in the environment
- This happens through biogeochemical cycles - _____

We will investigate four biogeochemical cycles:

1. The Water (Hydrologic) Cycle
2. The Carbon Cycle
3. The Nitrogen Cycle
4. The Phosphorus Cycle

The Water (Hydrologic) Cycle – include the diagram in your notes

- Liquid water evaporates, forming water vapour that moves through the atmosphere
- The vapour condenses, forming liquid water and ice which falls to Earth

The Water Cycle

- Fallen water moves around Earth's surface as lakes, rivers and _____

The Carbon Cycle

- The biogeochemical cycle in which carbon is _____
- Carbon is an important element, because it is the basic building _____

The Carbon Cycle – include the diagram in your notes

Carbon is recycled in the carbon cycle through several processes, but _____ respiration.

Other Processes that Affect the Carbon Cycle

1. CO₂ is held dissolved in the oceans. _____
2. _____, Deca _____ oxygen is available to help recycle it.
3. Humans increase the amount of CO₂ in the air by burning fossil _____



Student Notes in Word



1-Click Google Access

Google Access

Thank you for your purchase. Clicking the link button below will automatically create a copy of the Google resources and place them into your Google Drive. You'll find the folder inside the 'Shared with me' section on the left side of your Drive.

Important: Before you click, make sure you're signed in to the Google account you'd like the resources placed into. If the resources are added to the wrong account, simply sign out and then into the correct one and repeat the process.

Click here to place a copy of your resources into your Google account

Google Classroom Ready One-Click Google Slides Access

Videos embedded in your slides

Teacher and Student Versions of the Lesson

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TEACHER & STUDENT VERSION

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Videos Embedded

HAPPY TEACHERS SAID...

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★★★★★ Extremely satisfied - This is a wonderful resource. It helped my students to break down the concept easily.

★★★★★ Extremely satisfied - Excellent! I use this resource again and again!

★★★★★ Extremely satisfied - My students were very engaged by this resource.

Upgrade to the Water and Carbon Cycle 5E Bundle

Get the lesson, teaching timeline, plus additional activities, and assessments inside the 5E Bundle.

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Device-Based Scavenger Hunt: Cycling of Matter in Ecosystems

- Includes:
 - 5 Unique Locations
 - Online form submission
 - Answer Key
- Works on all smartphones, tablets, Chromebooks and laptops
- 100% Digital
- Simulations
- Quizzes
- Games
- Word Scram
- and more

Reading Comprehension Passage & Questions: The Water Cycle

- 6th, 7th, and 8th Grade Science
- No Prep, Ready-to-Use Resource in Google and Office Format
- Includes Comprehension and Extension Questions

Carbon and Water Cycle Lab Station Activity

Your lab station contains 7 unique activities to get your students out of their seats and engaged in their learning.

Water and Carbon Cycle Activity

- Hands-On Water & Carbon Cycle Models
- Grading Made Easy
- Perfect for Multiple Grades
- Real Student Examples Included

★★★★★ Extremely satisfied - I am so glad I purchased this! The activities were organized and engaging and pushed my students' thinking. Everything was ready to go! Loved it!

The Water and Carbon Cycle

Cycling of Matter 5E Lesson

- ✓ Complete 5E Lesson Bundle
- ✓ Hands-On & Digital Activities
- ✓ Google Classroom Ready
- ✓ Engaging Science Content

Teach With Fergy

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As a special bonus, I want to send you a few resources that you can use in your classroom tomorrow. Completely free and geared towards what you teach!



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thanks
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in this resource!**



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