

SPHERES OF THE EARTH LESSON

No-Prep and Fully Editable



Google & Office Versions

Over 500 Units Sold!

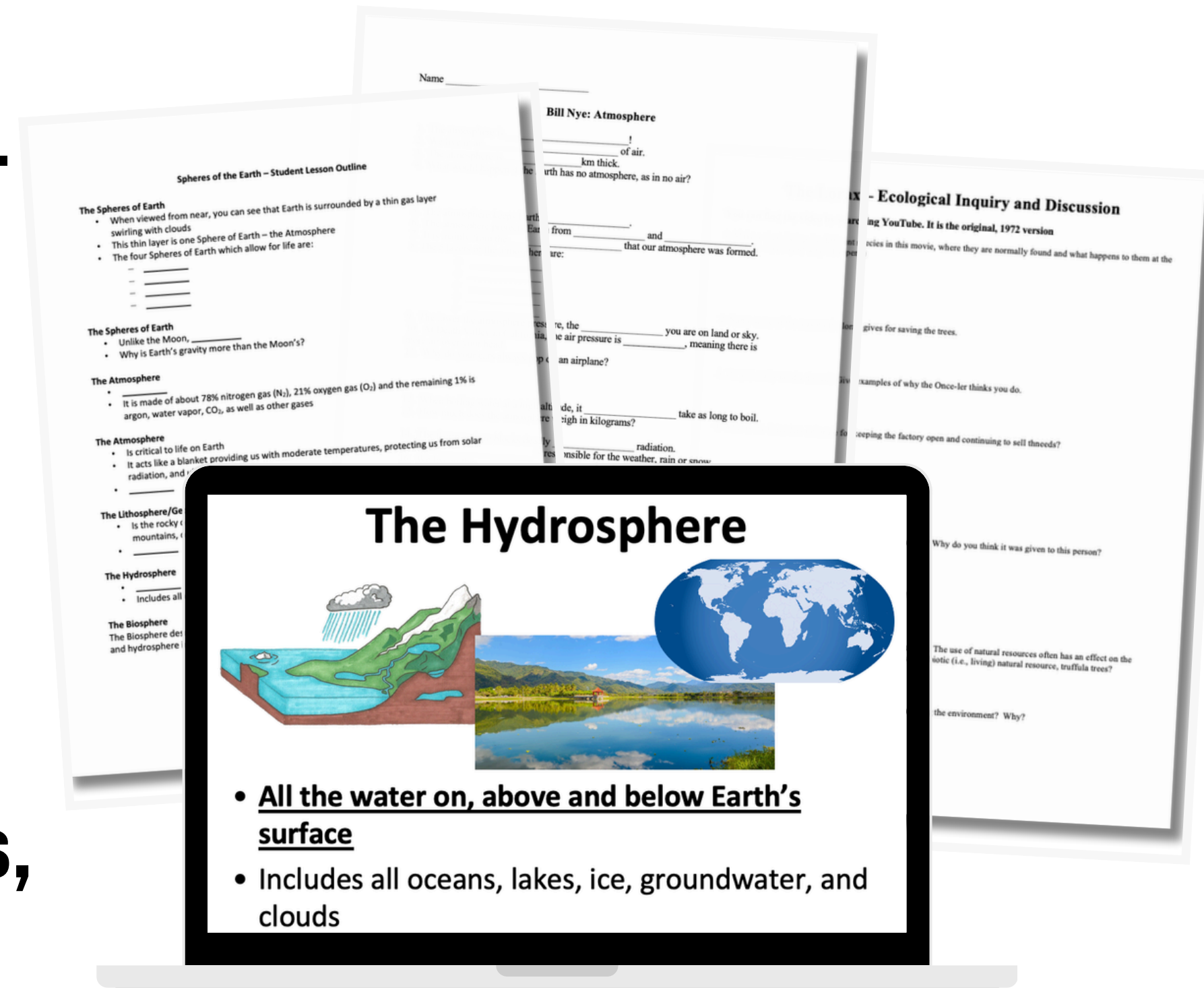
“★★★★★ Extremely satisfied - my students really liked using this resource to learn about the different spheres.”

SCROLL
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 activities and auto-graded exit ticket lets teachers quickly check for understanding
- Includes a Lesson, Scaffolded Student Notes, 2 Video Worksheets, and Auto-Graded Exit Ticket



★ A Complete, Fully-Editable Lesson & Student Notes

★ Teacher and Student Versions of your Lesson with an Embedded Video

★ 2 Video Worksheets

★ Discussion Activity on Environmental Protection

★ 4-Question, Auto-Graded Exit Ticket

What You Get

The collage displays various educational resources. At the top, there are two worksheets. The first is titled 'Spheres of the Earth - Student Lesson Outline' and includes sections for 'The Spheres of Earth', 'The Atmosphere', and a list of questions. The second worksheet is titled 'Bill Nye: Atmosphere' and contains a series of fill-in-the-blank questions. Below these, a laptop screen shows a presentation slide titled 'The Hydrosphere' with a diagram of water cycles and a list of bullet points: 'All the water on, above and below Earth's surface' and 'Includes all oceans, lakes, ice, groundwater, and clouds'. To the right, a desktop monitor displays a presentation slide titled 'The Biosphere' with a definition of the biosphere, a play button icon, and a photograph of a pond with trees.

Spheres of the Earth - Student Lesson Outline

The Spheres of Earth

- When viewed from near, you can see that Earth is surrounded by a thin gas layer swirling with clouds
- This thin layer is one Sphere of Earth - the Atmosphere
- The four Spheres of Earth which allow for life are:

The Spheres of Earth

- Unlike the Moon, _____
- Why is Earth's gravity more than the Moon's?

The Atmosphere

- It is made of about 78% nitrogen gas (N₂), 21% oxygen gas (O₂) and the remaining 1% is argon, water vapor, CO₂, as well as other gases

Bill Nye: Atmosphere

Name _____

_____ of air.
_____ km thick.
Earth has no atmosphere, as in no air?

_____ from _____ and _____.
_____ that our atmosphere was formed.

_____ you are on land or sky.
_____ air pressure is _____, meaning there is
_____ an airplane?

_____ take as long to boil.
_____ high in kilograms?

_____ radiation.
_____ for the weather, rain or snow.
_____ level of the atmosphere.
_____ perature in the city?

_____ called the _____ effect.

The Hydrosphere

- All the water on, above and below Earth's surface
- Includes all oceans, lakes, ice, groundwater, and clouds

The Biosphere

The Biosphere describes the locations in which life can exist within the lithosphere, atmosphere and hydrosphere including several kilometers below the Earth's surface

What Will Your Students Learn?

The Spheres of Earth

- When viewed from near, you can see that Earth is surrounded by a thin gas layer swirling with clouds
- This thin layer is one Sphere of Earth – the Atmosphere
- The four Spheres of Earth are:
– **Atmosphere**

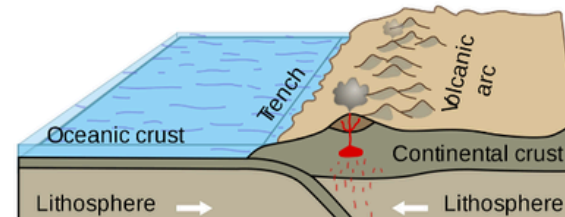
The Hydrosphere



- All the water on, above and below Earth's surface
- Includes all oceans, lakes, ice, groundwater, and clouds

The Lithosphere/Geosphere

- Is the rocky part of Earth containing the rocks and minerals that make up mountains, ocean floors and the land
- It ranges from 50 – 150 km in thickness



The Atmosphere

Atmosphere is the layer of gases
extending upward for hundreds of kilometers
It is composed of about 78% nitrogen gas (N₂), 21% oxygen (O₂) and the remaining 1% is argon, neon, CO₂, as well as other gases



✓ What are the Spheres of the Earth?

✓ The Atmosphere

✓ The Lithosphere/
Geosphere

✓ The Hydrosphere

✓ The Biosphere

✓ How the Spheres are
connected

Your Lesson

Student Notes in
Word and PDF

Google Access

Print AND
Digital

Video embedded in
your slides

Teacher and Student
Versions of the Lesson

- Spheres of the Earth – Student Lesson Outline
- The Spheres of Earth**
- When viewed from near, you can see that Earth is surrounded by a thin gas layer swirling with clouds
 - This thin layer is one Sphere of Earth – the Atmosphere
 - The four Spheres of Earth which allow for life are:
– _____
– _____
– _____
– _____
- The Spheres of Earth**
- Unlike the Moon, _____
 - Why is Earth's gravity more than the Moon's?
- The Atmosphere**
- _____
 - It is made of about 78% nitrogen gas (N₂), 21% oxygen gas (O₂) and the remaining 1% is argon, water vapor, CO₂, as well as other gases
- The Atmosphere**
- Is critical to life on Earth
 - It acts like a blanket providing us with moderate temperatures, protecting us from solar radiation, and ultraviolet light
 - _____
- The Lithosphere/Geosphere**
- Is the rocky outer shell of Earth containing the rocks and minerals that make up mountains, ocean floors and the land
 - _____
- The Hydrosphere**
- _____
 - Includes all oceans
- The Biosphere**
- The Biosphere describes the locations in which life can exist within the lithosphere, atmosphere and hydrosphere including several kilometers below the Earth's surface

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](#)

TWF

**Google Classroom Ready
One-Click Google Slides Access**

The Biosphere

The Biosphere describes the locations in which life can exist within the lithosphere, atmosphere and hydrosphere including several kilometers below the Earth's surface



Play button icon

Spheres of the Earth - Exit Ticket

* Indicates required question

This sphere includes the thin gas layer above Earth's surface. Life may or may not exist in it. * 1 point

- ☐ Atmosphere
- ☐ Lithosphere/Geosphere

Page 1 of 4

Clear form

4-Question, Auto-Graded Exit Ticket

The Hydrosphere



All the water on, surface

- Includes all ocean clouds

The Hydrosphere



- _____
- Includes all oceans, lakes, ice, groundwater, and clouds

HAPPY TEACHERS SAID...



★★★★★ Extremely satisfied - Very easy to use. My students were able to follow along with the material and the guided notes are a big plus!

★★★★★ Extremely satisfied - my students really liked using this resource to learn about the different spheres.

★★★★★ Extremely satisfied - This was a great tool to help my students review this topic. Thank you!

★★★★★ Extremely satisfied - Engaging and fun. My students enjoyed it and it also allowed them to think and ask questions they normally wouldn't.

Upgrade to the Spheres of the Earth 5E Bundle

Get my Spheres of the Earth lesson plus additional activities and assessments inside my Spheres of the Earth 5E Bundle.

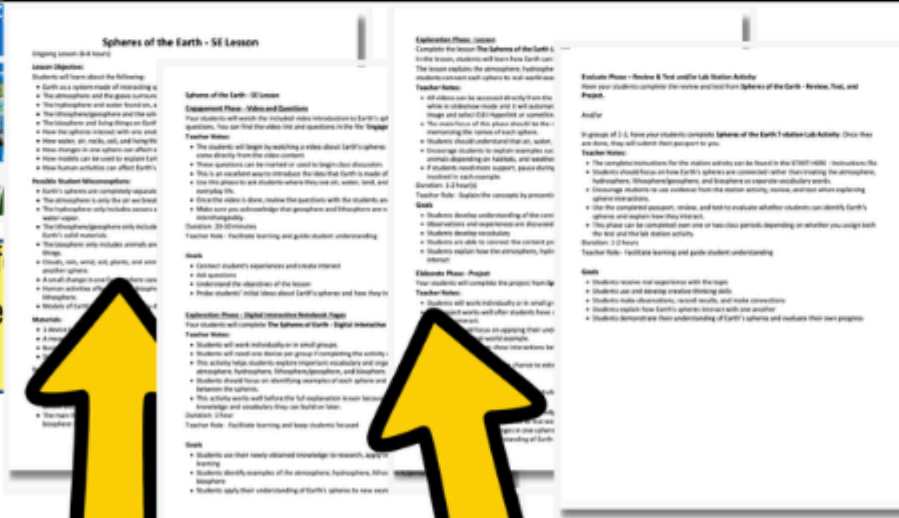
EVERYTHING YOU NEED

- ✓ Daily Teaching Timeline and Answer Keys
- ✓ 1 Interactive Lesson in Print & Digital
- ✓ 1 Digital Interactive Notebook Activity
- ✓ 1 Lab Station Activity
- ✓ 1 Review Booklet and Test
- ✓ 1 Video and Worksheet



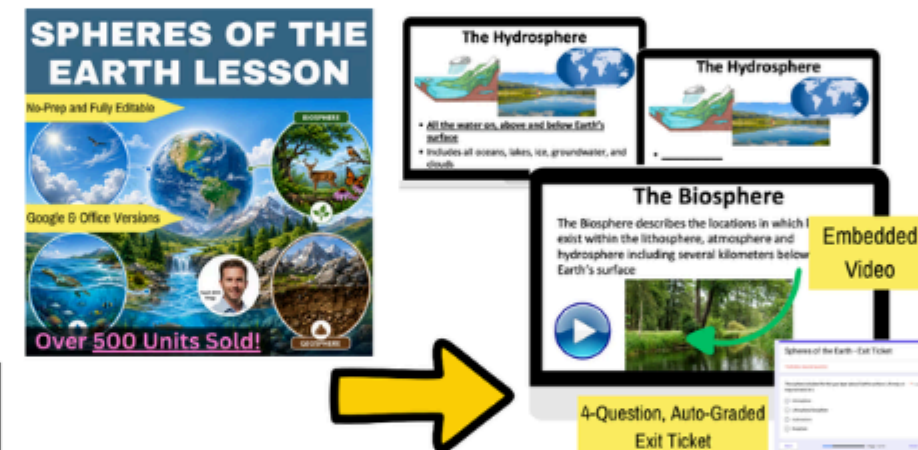
★★★★★ Extremely satisfied - My students stayed focused and even asked questions. They appeared to be really engaged. Took the pressure off of me to create a power point.

DAILY TEACHING SCHEDULE



Full Teacher Instructions

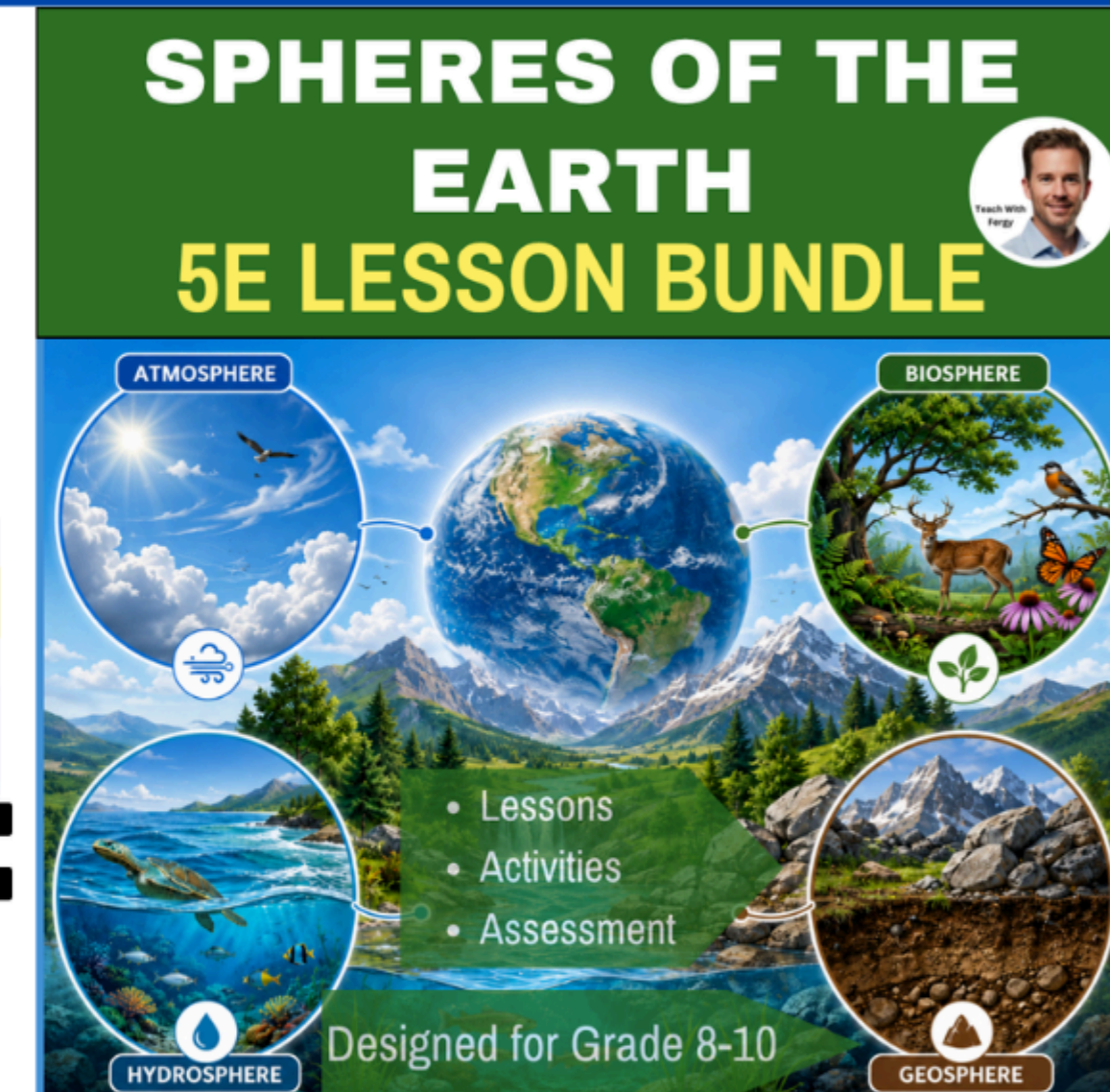
Each 'E' Phase is Fully Outlined



LESSON AND ACTIVITIES



★★★★★ Extremely satisfied - Engaging and fun. My students enjoyed it and it also allowed them to think and ask questions they normally wouldn't.



Click to learn more!