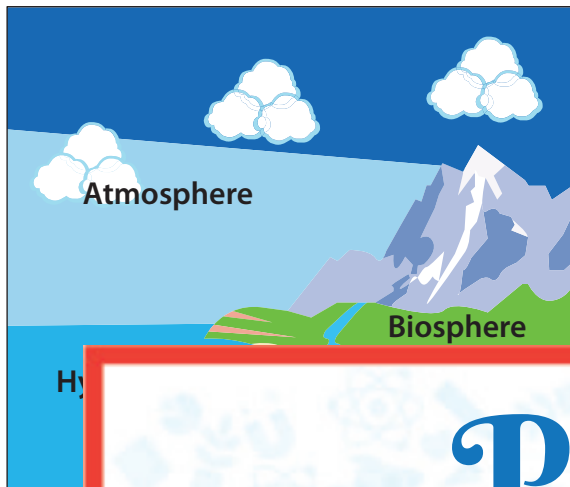


Earth's Spheres: A Delicate Balance



Earth is an incredible planet, filled with an intricate web of interconnected systems. These systems are like gears in a giant machine, working together to create the world we know. One of the most fascinating aspects of Earth's systems is the

Preview

Become a member to unlock
unrestricted access to both printable
and online worksheets.

www.tutoringhour.com



us with the air we breathe and regulates our climate. It contains oxygen for us to breathe and carbon dioxide for plants to use in photosynthesis. The atmosphere also plays a crucial role in controlling Earth's temperature by trapping heat from the sun.

The Hydrosphere: Now, let's dive into the hydrosphere, which includes all the water on our planet. This water exists in various forms—oceans, rivers, lakes, and glaciers. It exists even underground. The hydrosphere is responsible for weather

Earth's Spheres: A Delicate Balance

patterns, as water evaporates from the surface, forms clouds, and falls back to Earth as precipitation. It also provides habitats for countless species, from the tiniest plankton to the largest whales.

The Biosphere: Finally, the biosphere encompasses all living things on Earth, including humans, animals, plants, and even microorganisms. Life exists

eve
bios
on t
the
are
eru
wea
and

The
rely
nd
They
cano
on

Preview

**Become a member to unlock
unrestricted access to both printable
and online worksheets.**



www.tutoringhour.com

atmosphere during photosynthesis (biosphere), which is essential for human and animal respiration.

The interactions between these spheres are delicate and balanced. Any disruption in one sphere can have far-reaching effects on the others. That's why it's crucial for us to understand and protect our planet's systems. As we continue to learn about Earth's geosphere, atmosphere, hydrosphere, and biosphere, we become better stewards of this beautiful, interconnected world we call home.

Earth's Spheres: A Delicate Balance

- 1) How do the geosphere, atmosphere, hydrosphere, and biosphere interact with one another? Explain with examples from the text.

Preview

**Become a member to unlock
unrestricted access to both printable
and online worksheets.**



www.tutoringhour.com

2)

ride

Earth's Spheres: A Delicate Balance

- 3) According to the text, how does the biosphere depend on the other spheres for its survival? Provide specific examples from the passage to illustrate this interdependence.
-

Preview

**Become a member to unlock
unrestricted access to both printable
and online worksheets.**



www.tutoringhour.com

4)

Earth's Spheres: A Delicate Balance

- 5) Describe a real-world scenario not mentioned in the passage where the geosphere, atmosphere, hydrosphere, and biosphere interact. (Answers may vary.)
-

Preview

**Become a member to unlock
unrestricted access to both printable
and online worksheets.**



www.tutoringhour.com

6)

out
ness.

Earth's Spheres: A Delicate Balance

- 7) Find and list at least three domain-specific words or phrases used in the passage about Earth's spheres. Explain the meaning of each term.

Preview

**Become a member to unlock
unrestricted access to both printable
and online worksheets.**



www.tutoringhour.com

8)

h's
