

What Makes Up the Earth's Surface?



Name _____

The Four Spheres

Atmosphere

Biosphere

Lithosphere

Hydrosphere



The Lithosphere

- Covers the entire _____.
- Solid, _____, _____ crust (land).
- Ranges in thickness from _____ to _____.
- Lithosphere ends when the Earth's materials become _____-like.



The Hydrosphere

- Made up of _____.
- Ranges in thickness from _____ to _____.
- Includes: _____, _____,
_____, _____,

- Saltwater = _____%
- Freshwater = _____%



The Biosphere

- Made up of _____.
- In this sphere, you will find _____.
- _____ can be seen from _____.
- Sphere goes from _____ meters below the
_____ to _____ meters above and the top
_____ meters of the _____.



The Atmosphere

- Made up of _____.
- Earth is made up of _____% _____ and _____% _____.
- Atmosphere acts as a _____ for the _____ from the sun's _____.



The Lithosphere

- Covers the entire **planet**.
- Solid, **rocky, inorganic** crust (land).
- Ranges in thickness from **40 km** to **280 km**.
- Lithosphere ends when the Earth's materials become **fluid**-like.



The Hydrosphere

- Made up of **water**.
- Ranges in thickness from **10 km** to **20 km**.
- Includes: **oceans, lakes, rivers, swamps, moisture in the air**
- Saltwater = **97.5%**
- Freshwater = **2.5%**



The Biosphere

- Made up of **living things**.
- In this sphere, you will find **biomes**.
- **Biomes** can be seen from **space**
- Sphere goes from **3** meters below the
ground to **30** meters above and the top
200 meters of the **ocean**.



The Atmosphere

- Made up of **air**.
- Earth is made up of **79% nitrogen** and **21% oxygen**
- Atmosphere acts as a **protection** for the **biosphere** from the sun's **UV rays**.

