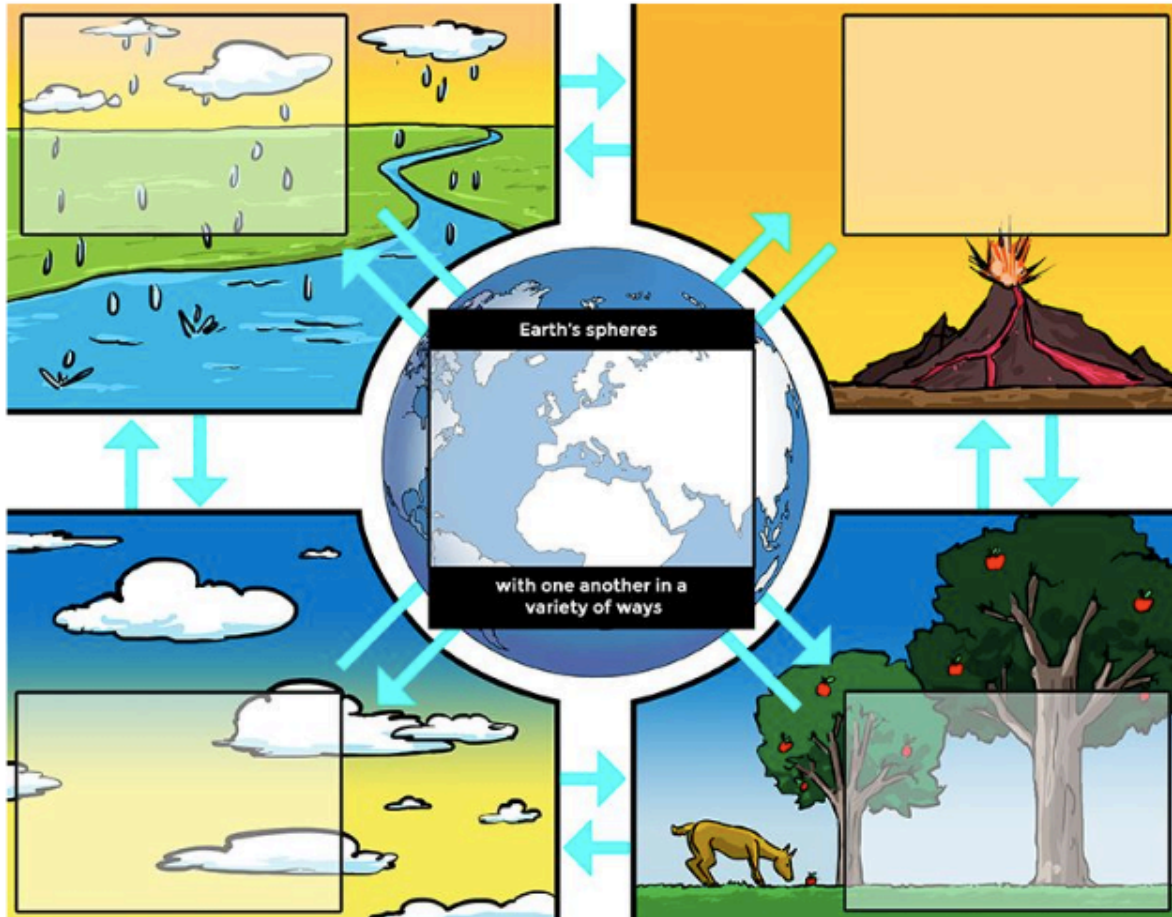




Part I. Create a Text Box & Place Each Term in the Correct Location and then answer the questions below.



Vocabulary

- Hydrosphere: All of the water on Earth.
- Atmosphere: All of the gases that surround Earth.
- Biosphere: All of the living things on Earth.
- Geosphere: All of the solid parts on Earth.
- Interaction: A relationship where one thing has an effect upon another.

Use your map to answer the following questions

- Which sphere contains rain?
- Which sphere contains pebbles?
- Which sphere contains oxygen gas?
- Can you think of an example of an event on Earth that may impact more than one sphere?

Part II. During of After reading the Mosa Mack Comic, Answer the following Episode Questions

1. Why are Felix and JoJo upset about the Petro-Proud Petroleum commercial?

2. **Explain** what makes up each of Earth's spheres:
 - a. Hydrosphere

 - b. Atmosphere

 - c. Geosphere

 - d. Biosphere

3. What causes the oil to move in the water?

4. Give an example of how oil can affect the biosphere (hint: think about the coral reef).

5. How does an oil rig impact the geosphere?

6. How can oil impact the atmosphere? **Explain.**

7. What did Felix and JoJo figure out? Does an oil spill only affect one sphere? **Explain.**

Part III. Check for Understanding

Name: _____ Date: _____

Circle or highlight one answer for each of the questions below.

1. The sphere that consists of water is called the:

- a. Atmosphere
- b. Geosphere
- c. Biosphere
- d. Hydrosphere

2. Lava erupts from a volcano and later cools into rock.

This newly formed rock would be part of the:

- a. Atmosphere
- b. Geosphere
- c. Biosphere
- d. Hydrosphere

3. If oil spills in the ocean, it washes up onto a beach.

What spheres are the ocean and sand a part of?

- a. Atmosphere and Hydrosphere
- b. Hydrosphere and Geosphere
- c. Geosphere and Atmosphere
- d. Biosphere and Atmosphere

4. A deer is viewed drinking water from a stream. The deer and stream are part of which sphere(s)?

- a. Biosphere
- b. Hydrosphere
- c. Atmosphere
- d. Both a. and b.

5. Oil from the ocean can enter into the atmosphere through what process?

- a. Evaporation
- b. Digestion
- c. Migration
- d. Rain

6. True or False: If something happens in one sphere, it only affects that sphere.

- a. True
- b. False