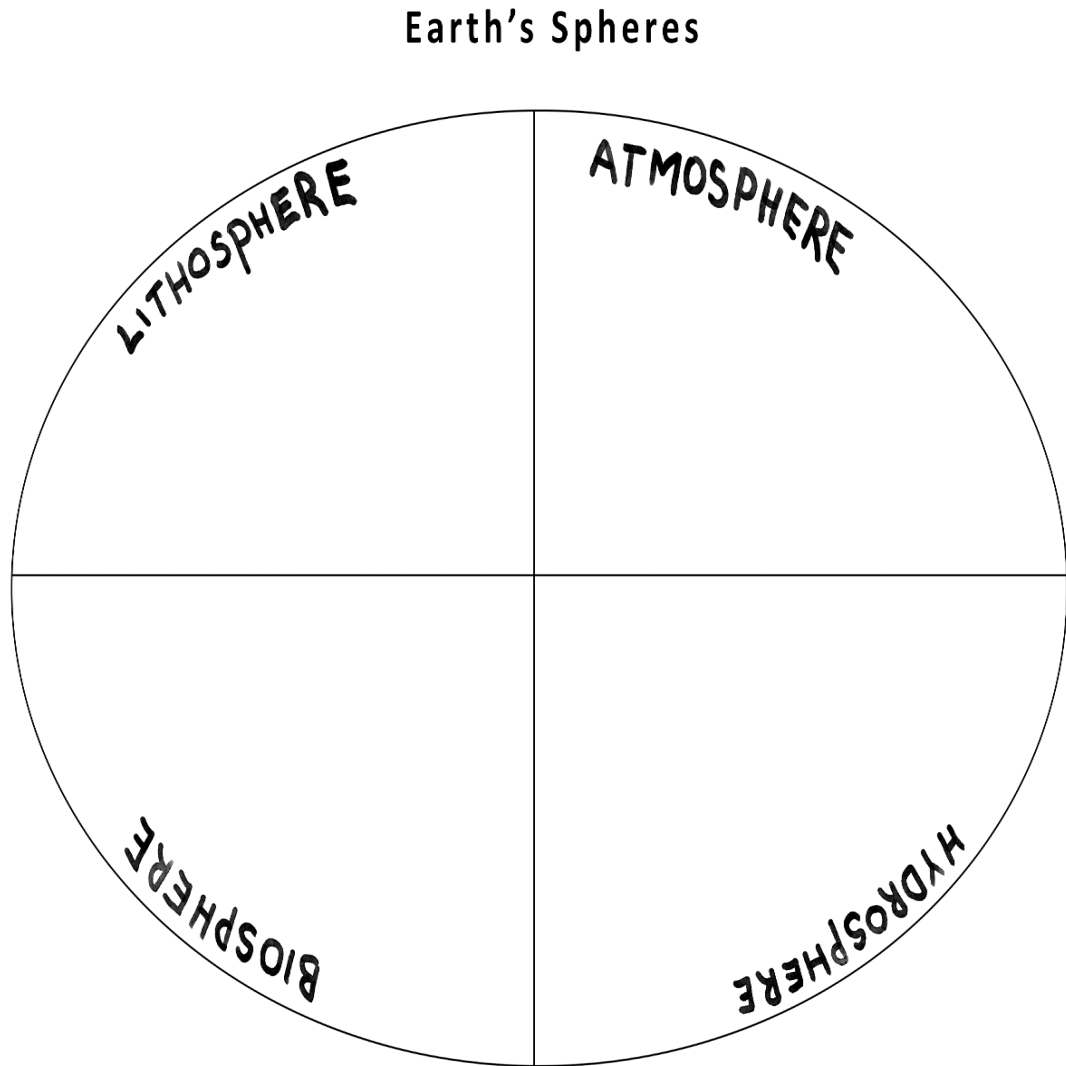


The Hydrosphere Assignment – Student Edition

- I. In the graphic organizer below, draw a visual that represents each of Earth's spheres.



- II. Create a Frayer model for the term “hydrosphere”.

The definition informs the reader what the word in the circle means.

Characteristics refer to features or quality belonging typically to a person, place, or thing and serving to identify it. A diagram/illustration is a picture that describes the word. Non-examples would be anything that the “hydrosphere” is not.

Name: _____ Period: _____ Date: _____

The Hydrosphere Assignment – Student Edition

Fray Model

DEFINITION	CHARACTERISTICS
DIAGRAM/VISUAL	NON-EXAMPLES

Hydrosphere

The Hydrosphere

Assignment – Student Edition

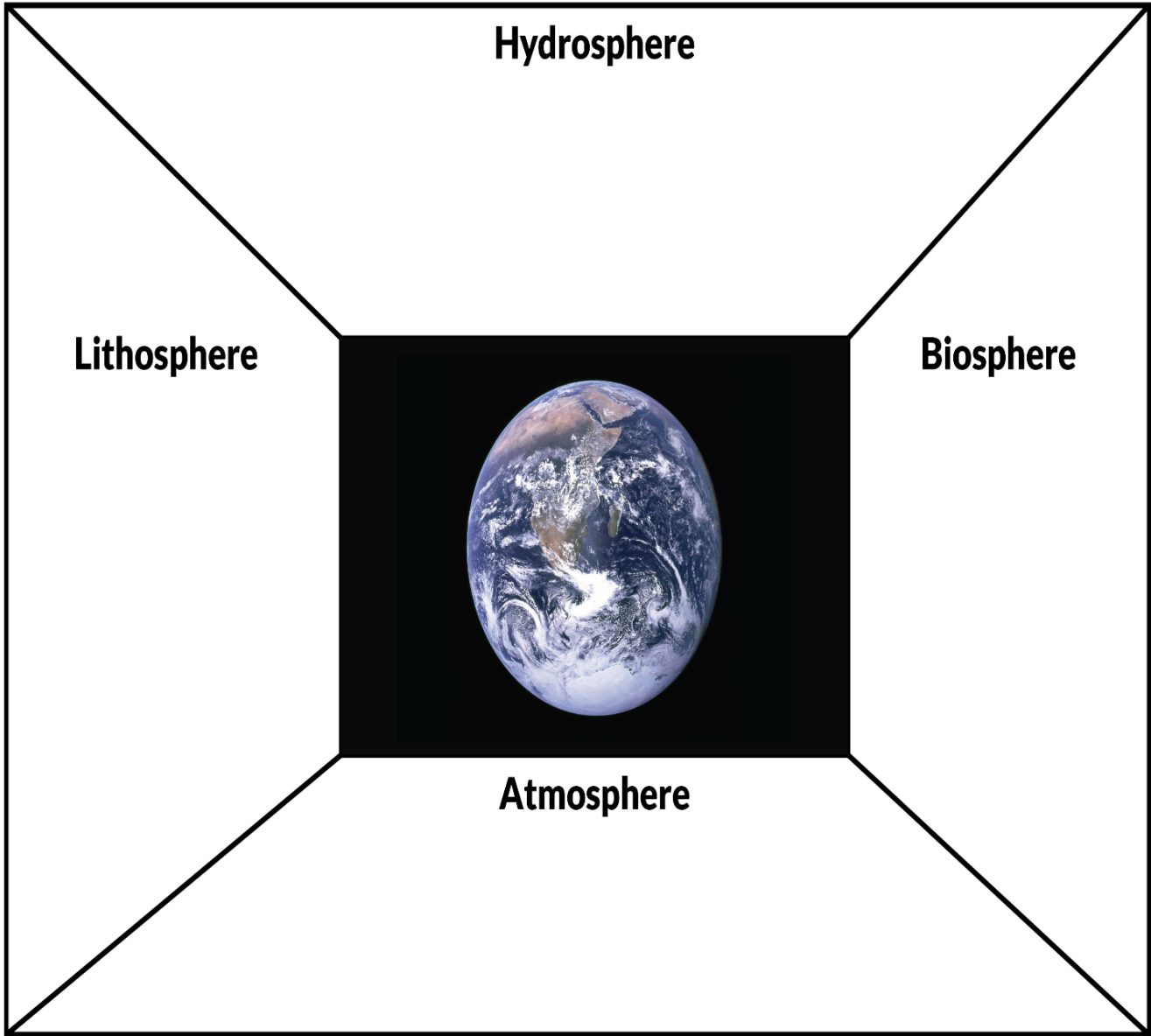
III. Put a star (★) in the box(es) below the subsystem if the given characteristic pertains to it.

Characteristic	Atmosphere	Biosphere	Hydrosphere	Geosphere
This includes all the water on earth.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
This contains solid and semi-solid land.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
This contains all the planet's living things.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
This part is 78% nitrogen and 21% oxygen.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
A layer of gases is a primary feature.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
This includes trees, humans, and animals.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Crust, mantle, and core are its components.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Features include oceans, lakes, and streams.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
One of its 5 layers is the troposphere.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Earliest life-forms were prokaryotes.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

The Hydrosphere Assignment – Student Edition

IV: Summarize the characteristics of Earth’s spheres using the graphic organizer below.

Earth’s Spheres



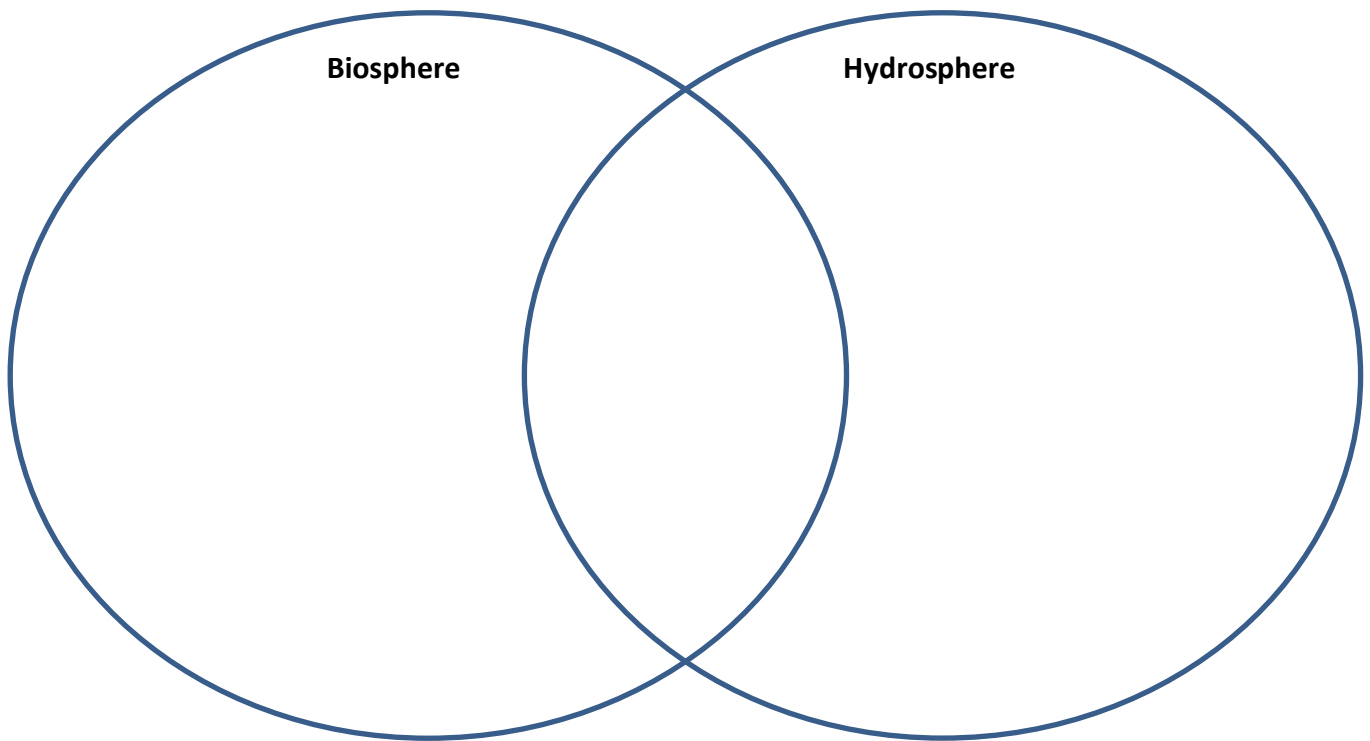
The Hydrosphere

Assignment – Student Edition

V: Complete the Venn diagram below to compare the biosphere and hydrosphere.

A Venn diagram uses circles to show the relationships among things or finite groups of things. Circles that overlap have a commonality while circles that do not overlap do not share those characteristics.

In the overlapping circle of the Venn diagram below, you will write what the biosphere and hydrosphere have in common. In the circle that is labeled biosphere-you will write down what make this sphere unique. Repeat the same for the circle labeled hydrosphere on the right.



The Hydrosphere

Assignment – Student Edition

VI. Spheres of the Earth Nature Walk. Go outside with your teacher and tour your school campus. Observe your surroundings during your nature walk. Compile a list of four things you observed that could be found in each of Earth's spheres. Complete the graphic organizer below to summarize your findings.

