

Earth's Spheres

Follow the links to answer the questions on the following page.

How do the 4 spheres interact?

The four spheres are [constantly interacting](#) as matter moves from one sphere to another.

What are Earth's 4 spheres?

Earth can be divided into 4 "spheres": geosphere, biosphere, hydrosphere, and atmosphere. [Click here to find out more.](#)

What is the cryosphere?

The [cryosphere](#) is the frozen portion of the hydrosphere. Some scientists consider it to be a separate sphere.

"Humankind has not woven the web of life. We are but one thread within it. Whatever we do to the web, we do to ourselves. All things are bound together."
—from *Home* written by Ted Perry



Spheres of the Earth: Web-quest

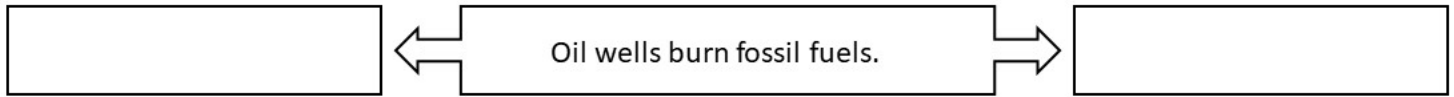
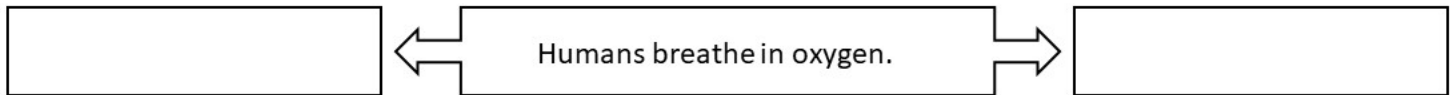
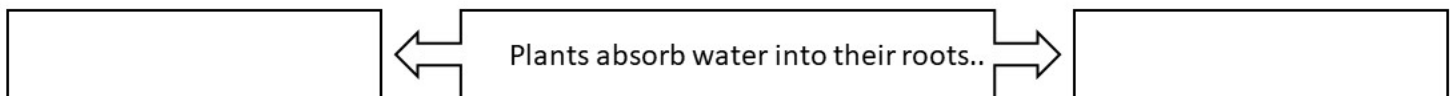
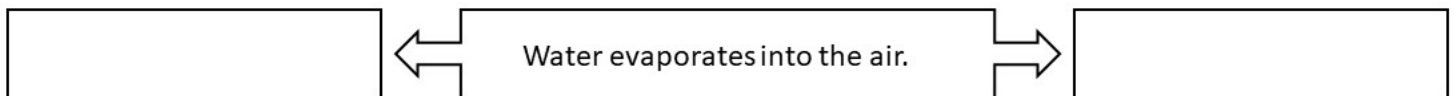
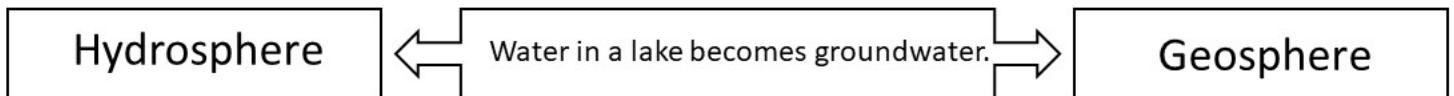
What are the 4 spheres of the earth?

1. Describe each of Earth's four spheres. List several examples of features in each sphere.

How do the 4 spheres interact?

2. For each of the following processes, list the sphere where matter begins in the process and the sphere where matter ends in the process.

Example:



Spheres of the Earth: Web-quest

What is the cryosphere?

1. When did NASA begin collecting satellite data on Arctic sea ice?
2. How can a loss of sea ice be both a cause and an effect of climate change?