

INTRODUCTION TO EARTH SYSTEMS

Purpose – to identify the five main Earth systems and how they interact with each other

Activity 1 – Earth Systems

Directions – Use your Chromebook to research what each Earth system means and provide 3 examples for each.

	What it means...	Examples
Geo-sphere		1. 2. 3.
Hydro-sphere		1. 2. 3.
Atmo-sphere		1. 2. 3.
Bio-sphere		1. 2. 3.
Helio-sphere		1. 2. 3.

Analysis Questions

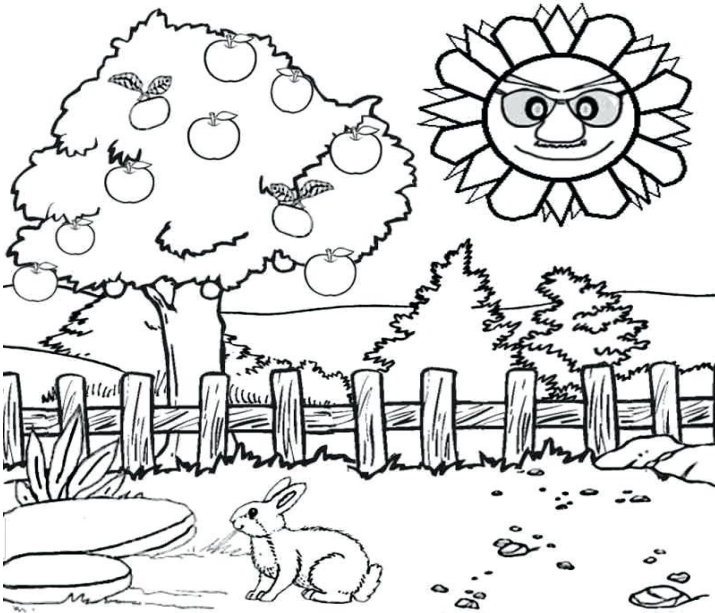
1. Do you think **clouds** should be classified as part of the **atmosphere**, or part of the **hydrosphere**? Explain why.
2. Do you think a hammer head shark should be part of the **hydrosphere** or the **biosphere**? Explain why.

Activity 2 – A Coloring Interaction

Directions: In the pictures below identify where the main Earth systems are located by assigning a color to represent each of the systems. Use the key below to assign the color. Then describe how the systems interact with each other

Key

Geosphere ☐ Hydrosphere ☐ Atmosphere ☐ Heliosphere ☐ Biosphere ☐



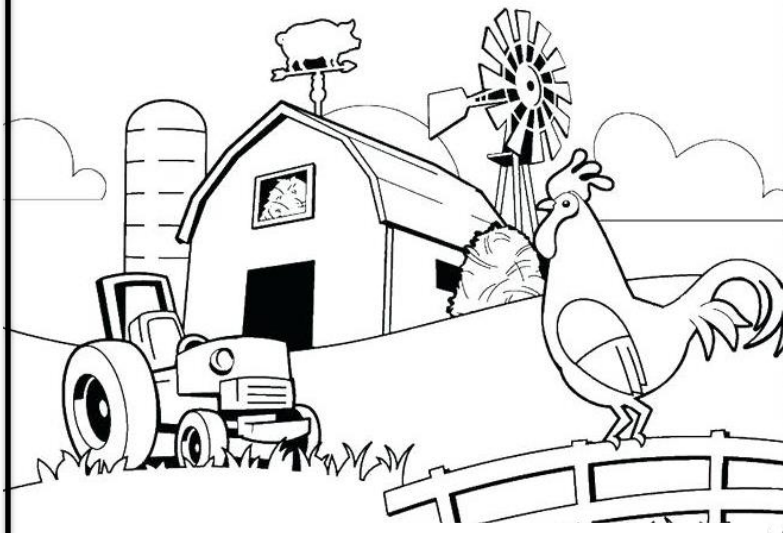
1. Describe how do the systems interact?



2. Describe how do the systems interact?



3. Describe how do the systems interact?



4. Describe how do the systems interact?