

NAME: _____

DATE: _____

Systems Approach to Science Worksheet

What is a system?

A set of objects that interact and influence each other to perform a task or function.

Systems can be living or nonliving, as small as a cell, or as large as a solar system.

Objects in a system can be almost infinite and include organisms, machines, processes, ideas, numbers, organizations, or energy.

Systems involve...interrelationships, processes, flows of energy, matter and patterns.

A concept map is a two-dimensional, graphic or schematic diagram illustrating the interconnections and hierarchy of a concept or topic.

Task: Create a concept map of Dr. Seuss's The Lorax.

Add linking or connecting words to describe the relationships between the different subsets (concept cards) within the system of the land of the Onceler.

Think about:

- What impacts what?
- What is the cause what is the effect?
- How did it start?
- What is the ending result?