

3rd - 4th Grade: Web of Life

Essential Question:

How does energy flow from the sun through an ecosystem?

Suggestions:

- Look at numbers of animals
- Similarities (transfer of energy) and differences (types of plants, animals, numbers of each) of the various ecosystems

Supporting Questions:

- How do plants and animals interact with each other?
- How do animals grow, move, stay warm?
- How do bacteria and fungi play a role in an ecosystem?

Locations - based on tree habitats:

Vocabulary:

Compare

Investigate

Observe

Diversity - plant and animal

Change - Adapt

Habitat

Environment

Resource

Food Chain - producer, consumer (1st, 2nd, 3rd), herbivore, carnivore, omnivore, apex predator, prey

Energy

Needs – Survival

Chemical process

Photosynthesis

Decomposers - microbes, fungi, worms

Healthy ecosystem

Matter

Summary Question:

Partner Share: Pick one habitat and explain how energy flows through it.

Take Turns