Causes of the Dust Bowl
Conceptual Model

Name: **ANSWER KEY**

LAND

Land ←→ Air:
Anchor Phenomenon: The air is windy and blows the loose soil, causing dust storms (wind erosion).

Land ←→ Living Things:
Lesson 2: Plants dry up and die when their water sources disappear.
Lesson 3: Wheat and corn crops had shorter/less dense roots that didn't hold the dry soil in place.

Land ←→ Water:
Lesson 1: The Dust Bowl region does not have access to fresh water sources.
Lesson 4: There was an extreme drought and the land became dry and loose.

Air ←→ Water:
Lesson 5: The air cooled above the Pacific which led to less water evaporating. The caused a drought in the Dust Bowl region.

WATER

Water ←→ Living Things:
Lesson 1: Little rainfall causes crops to die.
Lesson 3: Wheat and corn crops didn't have long enough roots to reach water deep underground.

AIR

LIVING THINGS

Air ←→ Living Things:
Anchor phenomenon: Plants, animals, and people didn't have clean air to breathe.

Mystery science
Water Cycle & Earth's Systems | Unit Starter