

Place Based Education Overview for the Land Year

<u>Lower Elementary Grades K-2</u> Big Ideas, Essential Questions and Field Studies
Fall <ul style="list-style-type: none">● People & Land Ownership<ul style="list-style-type: none">○ Why do people live in Central Oregon?○ Who owns the land? What does it mean to own land?● Earth Changes<ul style="list-style-type: none">○ How has the land changed over time?○ What forces shaped our landscape?<ul style="list-style-type: none">■ <i>Potential field studies: Cove Palisades State Park & High Desert Museum</i>
Winter <ul style="list-style-type: none">● Astronomy: Day & Night<ul style="list-style-type: none">○ How do we interact/ experience with the sun, earth, and moon?○ Do different times of year have different amounts of daylight?<ul style="list-style-type: none">■ <i>Potential field studies: Oregon Observatory, planetarium</i>● Introduction to Properties of Matter and Forces & Motion<ul style="list-style-type: none">○ What do scientists do?○ How do forces affect the movement of objects?
Spring <ul style="list-style-type: none">● Pollinators (Studying Geography through the pollinator lense)<ul style="list-style-type: none">○ What are native plants? What types of plants are native to Central Oregon? Do all plants need pollinators?○ What are non-native plants? What are invasive plants? Are invasive and non-native plants a problem?○ What are pollinators? What types of pollinators can be found in Central Oregon? Can pollinators be found everywhere on Earth?○ Why are pollinators important? What would happen if we did not have pollinators?<ul style="list-style-type: none">■ <i>Potential field studies: Deschutes National Forest Seed Extractory, Crooked River Wetlands Complex</i>

<u>Upper Elementary Grades 3-5</u> Big Ideas, Essential Questions and Potential Field Studies
Fall <ul style="list-style-type: none">● Geology<ul style="list-style-type: none">○ How has the land changed over time?○ How did plants and animals come to be here and how do we know?<ul style="list-style-type: none">■ <i>Potential field studies: Cove Palisades State Park, Smith Rock</i>

Winter

- **People & land ownership:**
 - How and why did people come to Central Oregon
 - Why do people live in Central Oregon?
 - Who owns the land? What does it mean to own land?
 - How do indigenous people interact with the land?
 - *Potential field studies: Peter Skene Ogden State Park, High Desert Museum*

Spring

- **Personal Finance & Economics:**
 - How do products get to and from markets?
 - What is exported from and imported into Central Oregon? Powell Butte?
 - How do we make a profit?
 - How do people make money in Central Oregon? What types of business models work here?
 - How do supply and demand affect each other?

Natural Resources:

- How is land in Central Oregon used for agricultural purposes?
- How do we manage our natural resources effectively? (cows, soil)
- How do natural resources shape the economy of Crook County?
 - *Potential field studies: Bluestone Natural Farms, Ag Day at the Expo Center*

Middle School Grades 6-8

Big Ideas, Essential Questions and Potential Field Studies

Fall

- **People & land ownership:**
 - Why do people live in Central Oregon?
 - Who owns the land? What does it mean to own land?
 - How do indigenous people interact with the land?
 - *Potential field studies: High Desert Museum*
- **Geology**
 - How has the land changed over time?
 - What forces shaped our landscape?
 - How did plants and animals come to be here and how do we know?
 - *Potential field studies: Lava Lands Visitor Center and Cove Palisades State Park*

Winter

- **Economics:**
 - How do products get to and from market?
 - What is exported from and imported into Central Oregon? Powell Butte?
 - How do we make a profit?
 - How do people make money in Central Oregon? What types of business models work here?
 - How do supply and demand affect each other?
 - *Community connection: Community Economic Forum on Campus*

Astronomy:

- How do we interact/ experience with the sun, earth and moon?
 - *Potential field studies: Oregon Observatory, planetarium*

Spring

● **Natural Resources:**

- How is land in Central Oregon used for agricultural purposes?
- How do we manage our natural resources effectively?
- How do natural resources shape the economy of Crook County?
 - *Potential field studies: Symons Beef Company, 1017 project*

● **Resource Conservation:**

- How do we manage solid waste?
- Where does our electricity come from?
- How do we conserve natural resources in Central Oregon?
 - *Potential field studies: Solid waste management Crook County Landfill*