Alignment with Amplify CKLA & Science Curriculum Units

Updated 8/4/26

NatureConnect Central Oregon and our network have partners have created a list of programs and resources that help to align with the Amplify CKLA and Science Curriculum Units adopted by Redmond School District. The programs and resources listed below help to supplement the content areas in the Amplify CKLA units and engage students in place-based, hands-on science activities. The programs connect to the big ideas from the units, while ensuring that students have opportunities to make connections to local ecosystems and landscapes. We've worked to ensure that most nature-based modules have at least one program or resource that is free or affordable (with scholarship options).

We consider this a living document and there will be revisions as new programs and resources are added. Additionally, there are more programs available in Central Oregon, including those that align with NGSS grade-level standards, but not with Amplify CKLA units. You can see the full list of available programs here: natureconnectco.org/programs

Kindergarten

FT = field trip, OS = on-site/at school, $ = program has a fee, SA = scholarships available

Amplify CKLA Curriculum Units	Outdoor/Nature-Based Programs that Supplement Modules	Kit / Resource
The Five Senses	• NatureHoods: The "Bear Necessities": NatureConnect (OS, Free/$)	• Loupes/Magnifying Glass Kit: STEM Hub (Free)
Plants / Needs of Plants and Animals (Science Unit)	• Tree-Mendous Trees: Discover Your Northwest (FT, Free) • NatureHoods: The "Bear Necessities": NatureConnect (OS, Free/$ • Tree-Mendous Discoveries: Think Wild (OS/FT, $/SA) • Animal Needs: High Desert Museum (OS/FT, $/SA) • Beaks, Wings, and Survival Things: A Bird Adventure: Think Wild (FT, $/SA) • Incredible Insects: Survival Secrets Revealed: Think Wild (FT, $/SA) • What Makes Plants Grow?: Think Wild (OS, $/SA) • Garden Lesson: The Environmental Center (FT, Free/$)	• Trees Are Alive Kit: NatureConnect (Free) • Trail Camera: STEM Hub (Free) • Loupes/Magnifying Glass Kit: STEM Hub (Free)
Farms	• Seed to Table Farm Visits (FT, $/SA)	
Seasons & Weather / Sunlight/Weather (Science Unit)	• Seed to Table Farm Visits (FT, $/SA) • NatureHoods: The "Bear Necessities": NatureConnect (OS, Free/$)	• Feel the Heat Kit: STEM Hub (Free) • Weather System Sensor and Vane: STEM Hub (Free) • Temperature Probe: STEM Hub (Free)
Taking Care of the Earth	• Beaks, Wings, and Survival Things: A Bird Adventure: Think Wild (FT, $/SA) • Incredible Insects: Survival Secrets Revealed: Think Wild (FT, $/SA) • Safe Skies: Preventing Bird/Window Collisions: Think Wild (OS, $/SA) • The Upstream Project: Upper Deschutes Watershed Council (FT, Free)	

1st Grade

Amplify CKLA Curriculum Units	Outdoor/Nature-Based Programs that Supplement Modules	Kit / Resource
Astronomy / Spinning Earth (Science Unit)	• Planetarium Experience: Sunriver NC&O (FT/OS, $/SA) • Astronomer Classroom Visit: Sunriver NC&O (OS, $/SA)	STEM Hub Kits (Free) • Tabletop Telescope • NASA Kit: Sun-Earth-Moon • How Far is the Moon? • Modeling Lunar Cycles • Moon Mission: Board Game
The History of the Earth	• **Fossil Fun: High Desert Museum (OS/FT, $/SA)** • **Volcano in the Classroom: Discover Your Northwest (OS, Free)** • **Lava Lands Visitor Center / Lava River Cave: Discover Your Northwest (FT, Free)**	**STEM Hub Kits (Free)** • **Fossil Collection - Haavind** • **Fossil Collection Sorting Activity** • **Mineral & Rocks Collection**
Animals and Habitats / Animal and Plant Defenses (Science Unit)	• Animal Homes: Discover Your Northwest (OS, Free) • Buzz and Blooms: Plants and Pollinators Discover Your Northwest (OS, FT, Free) • Jaw-some Adaptations: High Desert Museum (FT/OS, $/SA) • High Desert Habitats: High Desert Museum (FT/OS, $/SA) • NatureHoods: Fur and Feather: NatureConnect (OS, Free/$) • Nature Immersion: Birds of Prey: Sunriver NC&O (FT, $/SA) • Nature Immersion: Animal Adaptations: Sunriver NC&O (FT, $/SA) • Beaks and Eats!: Exploring Bird Beak Adaptations: Think Wild (OS/FT, $/SA) • Raptor Detectives: What Owl Pellets Reveal About Birds: Think Wild (OS,$/SA) • Garden Lesson: The Environmental Center (FT, Free/$)	• Nature Discovery Kit Rental (Animal Adaptations / Avian Analysis): Sunriver NC&O ($/SA) • Wildlife Kit: NatureConnect (Free) • Birding Kit: NatureConnect (Free) • Winged Wonders Kit: Think Wild ($) • Trail Camera: STEM Hub (Free)

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2nd Grade

Amplify CKLA Curriculum Units	Outdoor/Nature-Based Programs that Supplement Modules	Kits / Resources
Cycles in Nature	• Fossil Fun: High Desert Museum (OS/FT, $) • Healthy Stream Features: Upper Deschutes Watershed Council (OS/FT, Free) • Leap into Science: Exploring Frogs and Freshwater: Think Wild (OS/FT, $/SA)	• Stream Tables: NatureConnect (Free) STEM Hub Kits (Free) • Fossil Collection - Haavind • Fossil Collection Sorting Activity • Mineral & Rocks Collection
Changing Landforms (Science Unit)	• Healthy Stream Features: Upper Deschutes Watershed Council (OS/FT, Free)	• Stream Tables: NatureConnect (Free)
Insects / Plants and Animal Relationships (Science Unit)	• Pollinator Party: Think Wild (OS/FT, $/SA) • Incredible Insects: Survival Secrets Revealed: Think Wild (FT, $/SA) • NatureHoods: Plants & Pollinators: NatureConnect (OS, Free/$) • Insect Olympics: Plants and Insects: Discover Your Northwest OS/FT, Free • Aquatic Insects Study: Upper Deschutes Watershed Council (FT, Free) • Garden Lesson: The Environmental Center (FT, Free/$)	• Buzz About Bees: Sunriver NC&O ($/SA) • Pollinator Pathway Bend • Insect Kit: NatureConnect (Free) • Plants & Pollinators Kit: Discover Your Northwest • Loupes/Magnifying Glass Kit: STEM Hub (Free)

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3rd Grade

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Amplify CKLA Curriculum Units	Outdoor/Nature-Based Programs that Supplement Modules	Kits / Resources
Animal Classification / Inheritance and Traits (Science Unit)	• Animals of the High Desert: High Desert Museum (FT/OS, $/SA) • Nature Immersion: Animal Adaptations: Sunriver NC&O (FT, $/SA) • Wildlife Detectives: Tracking Survival: Think Wild (OS/FT, $/SA) • Garden Lesson: The Environmental Center (FT, Free/$)	• Wildlife Kit: NatureConnect (Free) • Nature Discovery Kit Rental (Animal Adaptations / Avian Analysis): Sunriver NC&O ($/SA)
Astronomy: Our Solar System and Beyond	• Astronomer Classroom Visit: Sunriver NC&O (OS, $/SA) • Planetarium Experience: Sunriver NC&O (FT/OS, $/SA) • Astronomy Immersion: Earth's Place in the Universe: Sunriver NC&O (FT, $/SA) • Astronomy Immersion: The Sun and Other Stars: Sunriver NC&O (FT, $/SA)	STEM Hub Kits (Free) • Tabletop Telescope • NASA Kit: Sun-Earth-Moon • How Far is the Moon? • Modeling Lunar Cycles
Native Americans: Regions and Cultures	• Tracks Through Time: NatureConnect (OS+FT, Free) • Tribal History, Shared History: Upper Deschutes Watershed Council (OS+FT, Free • Tribal History, Shared History: The First Geologists Discover Your Northwest (OS, FT, Free) • Self-guided visit: High Desert Museum (FT, $) • Museum at Warm Springs (FT, $)	• The Gifts of the Big River Curriculum: High Desert Museum (Free) • Indigenous Learning Resources (Books): STEM Hub (Free) • Speak Sing Native Kit: STEM Hub (Free)
Ecology	• Fire Ecology: Discover Your Northwest (OS+FT, Free) • Nature Immersion: Pond Study: Sunriver NC&O (FT, $/SA) • Stream Ecology: Upper Deschutes Watershed Council (FT, Free) • Deschutes Restoration Outreach: Trout Unlimited (FT, Free) - contact dstaab@tu.org • Beaver Builders: Nature's Water Engineers: Think Wild (OS, $/SA) • Exploring Frogs and the Freshwater: Think Wild (FT/OS, $/SA)	• H2Whoa!: Upper Deschutes Watershed Council (Free) • Stream Ecology: NatureConnect (Free) • WATERS Stream Ecology Kit: STEM Hub (Free) • Nature Discovery Kit Rental (Splash! Live in a Pond): Sunriver NC&O ($/SA)

4th Grade

Amplify CKLA Curriculum Units	Outdoor/Nature-Based Programs that Supplement Modules	Kits / Resources
Geology / Earth's Features (Science Unit)	• Volcano in the Classroom: Discover Your Northwest (OS, Free) • Lava Lands Visitor Center / Lava River Cave: Discover Your Northwest (FT, Free) • Project S.N.O.W.: Discover Your Northwest (FT, Free) • Dig This!: High Desert Museum (FT, $/SA) • Natural Disasters - Volcanoes: High Desert Museum (FT/OS, $/SA) • Outdoor School Days at Smith Rock: The Environmental Center (FT, Free/$)	STEM Hub Kits (Free) • Fossil Collection - Haavind • Fossil Collection Sorting Activity • Mineral & Rocks Collection

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5th Grade

Amplify CKLA Curriculum Units	Outdoor/Nature-Based Programs that Supplement Modules	Kits / Resources
Native Americans	• Self-guided visit: High Desert Museum (FT, $) • Museum at Warm Springs (FT, $)	• The Gifts of the Big River Curriculum: High Desert Museum (Free) • My Name is LaMoosh Classroom set: NatureConnect (Free) • Indigenous Learning Resources (Books): STEM Hub (Free) • Speak Sing Native Kit: STEM Hub (Free)
Patterns of Earth and Sky (Science Unit)	• Astronomer Classroom Visit: Sunriver NC&O (OS, $/SA) • Planetarium Experience: Sunriver NC&O (FT/OS, $/SA) • Astronomy Immersion: Earth's Place in the Universe: Sunriver NC&O (FT, $/SA)	STEM Hub Kits (Free) • Tabletop Telescope • NASA Kit: Sun-Earth-Moon • How Far is the Moon? • Modeling Lunar Cycles • Moon Mission: Board Game
The Earth System (Science Unit)	• EarthSmart: Environmental Center (OS+FT, Free) • Hidden Waters: High Desert Museum (FT/OS, $/SA)	• H2Whoa!: Upper Deschutes Watershed Council (Free)
Ecosystem Restoration (Science Unit)	• Steam Restoration: Upper Deschutes Watershed Council (FT, Free) • Deschutes Restoration Outreach: Trout Unlimited (FT, Free) - contact dstaab@tu.org • Invasive Impact: A Hands-on Habitat Mission: Think Wild (FT, $/SA) • EarthSmart: Environmental Center (OS+FT, Free)	

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