

Eugene Elementary Science Kits by Benchmark

Gr	Title/ <i>Publisher</i> Gr/Content Area	Life Science Benchmarks	Physical Science Benchmarks	Earth Science Benchmarks
K	New Plants <i>FOSS</i> 1/2/Life	<ul style="list-style-type: none"> Describe the basic needs of living things (3rd) 		
K	Wood <i>FOSS</i> 1/2/Physical		<ul style="list-style-type: none"> Describe objects according to their physical properties (3rd) 	
K	Balls & Ramps <i>FOSS</i> K/Physical		<ul style="list-style-type: none"> Describe an object's position and how to affect its movement (3rd) 	
K	Pebbles, Sand, and Silt <i>FOSS</i> 1/2/Earth		<ul style="list-style-type: none"> Describe objects according to their physical properties (3rd) 	<ul style="list-style-type: none"> Recognize physical differences in Earth materials (3rd)
1	Life Cycle of Butterflies <i>STC</i> 2/Life	<ul style="list-style-type: none"> Describe the basic needs of living things (3rd) Identify how some animals gather food, defend themselves, and find shelter (3rd) Describe the life cycle of an organism (5th) 		
1	Solids and Liquids <i>STC</i> 1/Physical		<ul style="list-style-type: none"> Describe objects according to their physical properties (3rd) Describe changes that occur in matter (3rd) 	
1	Balance & Motion <i>Insights</i> K/1/Physical		<ul style="list-style-type: none"> Describe an object's position and how to affect its movement (3rd) 	
1	Weather/Moon <i>STC</i> 1/Earth		<ul style="list-style-type: none"> Describe objects according to their physical properties (3rd) 	<ul style="list-style-type: none"> Identify daily and seasonal weather changes (3rd) Identify and trace the movement of objects in the sky (3rd)—need to do moon

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* Although all kits are inquiry oriented, kits with a "*" have multiple opportunities for inquiry work samples

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2	Organisms <i>STC</i> 1/Life	<ul style="list-style-type: none"> • Describe the basic needs of living plants (3rd) • Describe how related plants and animals have similar characteristics (3rd) • Identify how some animals gather food, defend themselves, and find shelter (3rd) • Describe a habitat and the organisms that live there (3rd) 		
2	Changes <i>STC</i> 2/Physical		<ul style="list-style-type: none"> • Describe objects according to their physical properties (3rd) • Identify substances as they exist in different states of matter (5th) • Describe the ability of matter to change state by heating and cooling (5th) 	
2	Lifting Heavy Things <i>Insights</i> 2/3/Physical		<ul style="list-style-type: none"> • Describe an object's position and how to affect its movement (3rd) 	
2	Soils <i>STC</i> 2/Earth	<ul style="list-style-type: none"> • Describe the basic needs of living plants (3rd) 	<ul style="list-style-type: none"> • Describe objects according to their physical properties (3rd) 	<ul style="list-style-type: none"> • Recognize physical differences in Earth materials (3rd) • Identify properties and uses of Earth materials (5th)

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3	Plant Growth <i>STC</i> 3/Life	<ul style="list-style-type: none"> • Describe the basic needs of living things (3rd) • Recognize characteristics that are similar and different between organisms (3rd) • Describe basic plant and animal structures and their functions (5th) • Group or classify organisms based on a variety of characteristics (5th) • Describe the life cycle of an organism (5th) • Describe how adaptations help a species survive (5th) 		
3	Electric Circuits <i>STC</i> 4/Physical		<ul style="list-style-type: none"> • Identify common types of energy (3rd) • Identify forms of various types of energy and their effects on matter (5th) 	
3	Rocks and Minerals <i>STC</i> 3/Earth		<ul style="list-style-type: none"> • Describe objects according to their physical properties (3rd) 	<ul style="list-style-type: none"> • Recognize physical differences in Earth materials (3rd) • Identify properties and uses of Earth materials (5th)

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4	Microworlds <i>STC</i> 5/Life	<ul style="list-style-type: none"> • Describe basic plant and animal structures and their functions (5th) • Describe the life cycle of an organism (5th) • Describe how adaptations help a species survive (5th) 		
4	*Motion and Design <i>STC</i> 4/Physical		<ul style="list-style-type: none"> • Describe and compare the motion of objects (5th) • Identify forms of various types of energy and their effects on matter (5th) • Identify examples of magnetism and gravity exerting force on an object (5th) 	
4	*Changes of State <i>Insights</i> 4/5/Physical		<ul style="list-style-type: none"> • Identify substances as they exist in different states of matter (5th) • Describe the ability of matter to change state by heating and cooling (5th) • Identify forms of various types of energy and their effects on matter (5th) 	<ul style="list-style-type: none"> • Describe patterns of seasonal weather (5th) extension
4	*Land and Water <i>STC</i> 4/Earth		<ul style="list-style-type: none"> • Identify substances as they exist in different states of matter (5th) • Describe the ability of matter to change state by heating and cooling (5th) 	<ul style="list-style-type: none"> • Identify properties and uses of Earth materials (5th) • Identify causes of Earth surface changes (5th)

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5	Ecosystems <i>STC</i> 5/Life	<ul style="list-style-type: none"> • Describe basic plant and animal structures and their functions (5th) • Describe the life cycle of an organism (5th) • Describe the relationship between specific habitats and the organisms that live there (5th) • Describe how adaptations help a species survive (5th) 		
5	*Magnets and Motors <i>STC</i> 6/Physical		<ul style="list-style-type: none"> • Describe and compare the motion of objects (5th) • Identify forms of various types of energy and their effects on matter (5th) • Describe examples of energy transfer (5th) • Identify examples of magnetism and gravity exerting force on an object (5th) 	
5	*Measuring Time <i>STC</i> 6/Earth,Physical			<ul style="list-style-type: none"> • Describe the Earth's place in the solar system and the patterns of movement of objects within the solar system using pictorial models (5th)—need to do the plant activity included with the kit.