

Alignment of *A Head Start on Life Science Lessons*

This matrix shows the alignment of *A Head Start on Life Science Lessons* with the Scientific Inquiry and Life, Physical, and Earth Science strands of the California Preschool Learning Foundations (2012). *A Head Start on Life Science: Encouraging a Sense of Wonder* (Straits, 2018) was written explicitly to emphasize science learning through inquiry. Preschool teachers will find a great number of connections between the lessons and the Scientific Inquiry strand of the Foundations.

	Scientific Inquiry								Life Science				Other			
	1.1	1.2	1.3	1.4	1.5	1.6	2.1	2.2	1.1	1.2	1.3	1.4	2.1	2.2	PS1.1	ESS.3
	Demonstrate curiosity and an increased ability to raise questions about objects and events in their environment.	Observe objects and events in the environment and describe them in greater detail.	Identify and use a greater variety of observation and measurement tools.	Compare and contrast objects and events and describe similarities and differences in greater detail.	Demonstrate an increased ability to make predictions and check them.	Demonstrate an increased ability to make inferences and form generalizations based on evidence.	Record information more regularly and in greater detail various ways, with adult assistance.	Share findings and explanations, which may be correct or incorrect, more spontaneously and with greater detail.	Identify characteristics of a greater variety of animals and plants and demonstrate an increased ability to categorize them.	Indicate greater knowledge of body parts and processes (e.g., eating, sleeping, breathing, walking) in humans and other animals.	Recognize that living things have habitats in different environments suited to their unique needs.	Indicate knowledge of the difference between animate and inanimate objects, proving greater detail, and recognize that only animals and plants undergo biological processes.	Observe and explore growth in humans, animals, and plants and demonstrate an increased understanding that living things change as they grow and go through transformations related to the life cycle.	Develop a greater understanding of the basic needs of humans, animals, and plants (e.g., food, water, sunshine, shelter).	Demonstrate an increased ability to observe, investigate, and describe in greater detail the characteristics and physical properties of objects and solid and non-solid materials.	Demonstrate an increased ability to notice and describe the effects of weather and seasonal changes on their own lives and on plants and animals.
ANIMALS																
Roly-polies	X	X	X	X			X	X	X	X						
Crickets	X	X	X				X	X	X	X						
Earthworms	X	X	X	X	X	X		X	X	X						
Snails	X	X	X	X	X	X	X	X	X	X						
Swimming Fish		X	X	X		X	X	X	X	X						
Camouflage		X		X		X		X	X	X	X					
Spider Webs		X		X				X		X	X					
Feeding Birds		X		X	X	X	X	X		X						
PLANTS																
Sorting Seeds		X	X	X			X	X	X						X	
Seeds in our Food		X		X		X		X	X							
Where Vegetables Come from		X	X	X	X	X		X	X							
Sprouting Seeds	X	X	X	X	X	X	X	X	X				X	X		
Terrariums		X	X	X		X	X	X	X				X	X		
Smelling Plants		X		X		X		X	X							
Pumpkin Outsides		X		X		X		X	X							
Pumpkin Insides	X	X					X	X	X							
NATURE WALKS																
Animal Walk	X	X				X	X	X	X	X	X					
Looking for Birds	X	X		X		X	X	X	X	X						
Nature Bracelets	X	X	X	X	X	X		X	X						X	
Finding Weeds	X	X	X			X	X	X	X		X					
Branch Puzzles	X	X		X		X	X	X	X							
Adopt a Tree		X	X	X		X	X		X				X			X
Comparing Leaves	X	X		X				X	X				X			X
Scavenger Hunt		X	X	X				X	X						X	