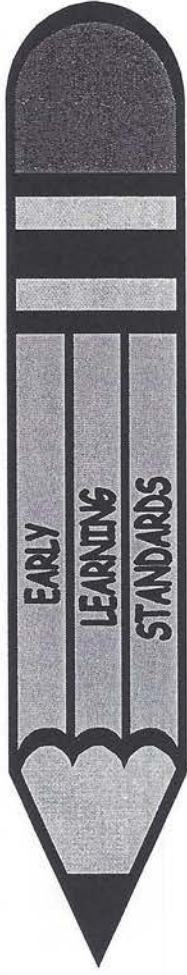
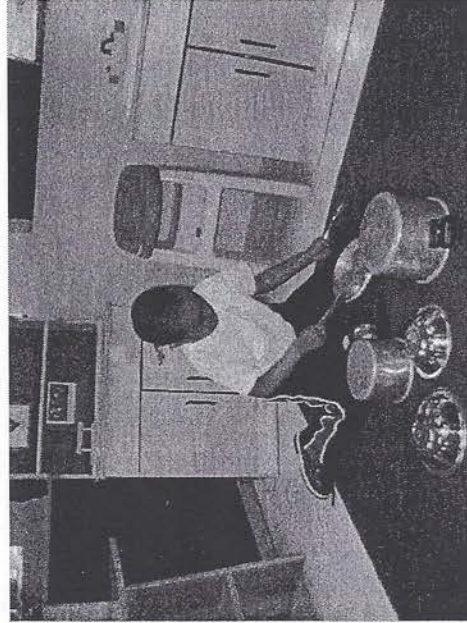


SCIENCE



for Pre-Kindergarten

CROSSWALK



© 2010 Pearson Education, Inc. All rights reserved.

Standard: Demonstrate understanding of the process of scientific inquiry

Indicators	NAEYC Performance Criteria	Head Start Performance Standards	ECERS	PA Academic Standards	Core Body of Knowledge
SC 1.1 Show curiosity by asking questions and seeking information	B4, B5-d, B-7c, G-4	1304.21 (a)(4)(i) 1304.21 (c)(1)(i) 1304.21 (c)(1)(ii) 1304.21 (c)(1)(v)	#23, 25		K1-A, B, C, D, E, F K2-A, B, C, D, E, F, G
SC 1.2 Collect, describe and record information					
SC 1.3 Use tools and equipment to explore objects					
SC 1.4 Make and verify predictions					
SC 1.5 Compare, contrast and classify objects and data					
SC 1.6 Use language that shows understanding of scientific principles					
SC 1.7 Participate in scientific investigations					

Standard: Acquire knowledge about the characteristics of living things					
Indicators	NAEYC Performance Criteria	Head Start Performance Standards	ECERS	PA Academic Standards	Core Body of Knowledge
SC 2.1 Recognize the difference between living and nonliving things					
SC 2.2 Notice changes in living things over time					
SC 2.3 Understand that plants and animals have life cycles	B4, B5-d, B-7c, G-4	1304.21 (a)(4)(i) 1304.21 (c)(1)(i) 1304.21 (c)(1)(ii) 1304.21 (c)(1)(v)	#23, #25		K1-A, B, C, D, E, F K2-A, B, C, D, E, F, G
SC 2.4 Notice similarities and differences and categories of plants and animals					
		Outcomes Framework – Science: Scientific Skills and Methods, Scientific Knowledge			

Standard: Acquire knowledge about the physical properties of objects					
Indicators	NAEYC Performance Criteria	Head Start Performance Standards	ECERS	PA Academic Standards	Core Body of Knowledge
SC 3.1 Describe, compare and categorize objects, based on their properties	B4, B5-d, B-7c, G-4	1304.21 (a)(4)(i) 1304.21 (c)(1)(i) 1304.21 (c)(1)(ii) 1304.21 (c)(1)(v)	#23, #25		K1-A, B, C, D, E, F K2-A, B, C, D, E, F, G
SC 3.2 Explore simple machines					
SC 3.3 Explore, identify and describe changes that occur over time					
SC 3.4 Use five senses to explore world					
SC 3.5 Experiment with the effect of their own actions on objects					
SC 3.6 Understand that tools perform specific functions					
Outcomes Framework – Science: Scientific Skills and Methods, Scientific Knowledge					

Standard: Acquire knowledge about the earth and space

Indicators	NAEYC Performance Criteria	Head Start Performance Standards	ECERS	PA Academic Standards	Core Body of Knowledge
SC 4.1 Understand changes in the environment, including weather and seasonal changes					
SC 4.2 Investigate properties of rocks, soil and water	B4, B5-d, B-7c, G-4	1304.21 (a)(4)(i) 1304.21 (c)(1)(i) 1304.21 (c)(1)(ii) 1304.21 (c)(1)(v)	#23, #25		K1-A, B, C, D, E, F K2-A, B, C, D, E, F, G
SC 4.3 Explore the characteristics of the sun, moon, stars and clouds					
SC 4.4 Understand the importance of natural resources; that the environment provides for the needs of the people		Outcomes Framework – Science: Scientific Skills and Methods, Scientific Knowledge			
SC 4.5 Show a beginning understanding of how human activities may change the environment					
SC 4.6 Participate in a variety of activities that preserve the environment					