

DEPARTMENT: SCIENCE	UNIT TITLE: PEBBLES, SAND AND SILT
GRADE: 2	

SECTION	LENGTH	CONTENT	SKILLS	METHODS OF ASSESSMENT	FRAMEWORK STRAND(S) & STANDARD(S) PreK–2
First rocks	5 lessons	<ul style="list-style-type: none"> Rocks are the solid part of the earth. Rocks can be sorted by properties. 	<ul style="list-style-type: none"> Observe, compare and sort objects by color, shape and texture. 	<ul style="list-style-type: none"> Student product Worksheet 	ESS 1. PS 1. T/E 1.1
River rocks	5 lessons	<ul style="list-style-type: none"> Rocks are different sizes. Sizes can be separated with screens and by settling water. Silt and clay have different properties. 	<ul style="list-style-type: none"> Use a screen to separate and group rocks based on particle size. Observe properties of earth materials. 	<ul style="list-style-type: none"> Teacher observation checklist Worksheet 	ESS 1. PS 1. T/E 1.1
Using rocks	6 lessons	<ul style="list-style-type: none"> Earth materials are used in a variety of constructions. 	<ul style="list-style-type: none"> Observe and compare different grades of sandpaper. Compare properties of earth materials used in constructions. 	<ul style="list-style-type: none"> Teacher observation checklist Student products 	ESS 1. PS 1. T/E 1.1, 1.2, 1.3
Soil explorations	6 lessons	<ul style="list-style-type: none"> Soil is made of a combination of rock particles and humus. Soil differs from one location to another. 	<ul style="list-style-type: none"> Describe events. Record changes over time. 	<ul style="list-style-type: none"> Worksheet Performance rubric 	ESS 1. T/E 1.1