

FOSS Pebbles, Sand, and Silt Module

Glossary

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asphalt a mixture of pebbles and gravel (SRB, IG)

basalt a gray, smooth rock that was once the hot, liquid lava that came out of a volcano (IG)

boulder a very large rock that is bigger than a cobble (SRB, IG)

brick a rectangular material made of clay that is used to build walls (IG)

bubble a pocket of air that forms when a gas rises to the surface of a liquid (IG)

cement a finely ground powder that is like glue when mixed with water (SRB)

change to be different than before (IG)

clay rocks that are smaller than sand and silt. It is hard to see just one. (SRB, IG)

coarse made up of larger, rough particles (IG)

cobble a rock that is smaller than a boulder, but bigger than a pebble (SRB, IG)

color the pigment or hue of an object (IG)

concrete a mixture of gravel, sand, cement, and water (SRB, IG)

decay when dead plants or animals break down into small pieces (SRB, IG)

dull not sharp or shiny (IG)

earth material any of the solid, liquid, or gaseous materials that make up Earth (IG)

fine made up of very small particles, such as a powder (IG)

flat level, smooth or even; not raised (IG)

fresh water water without salt. Fresh water is found in streams, lakes, and rivers. (SRB, IG)

gas matter that can't be seen but is all around. Air is an example of a gas. (SRB, IG)

geologist a scientist who studies Earth and rocks (IG)

granite the name of a kind of rock. Pink granite is made of four minerals. Those minerals are hornblende (black), mica (black), feldspar (pink), and quartz (gray). (SRB, IG)

gravel a rock that is smaller than a pebble, but bigger than sand (SRB, IG)

group to put objects together by similar properties (IG)

harden to dry up and become stronger (IG)

humus bits of dead plant and animal parts in the soil (SRB, IG)

lake a body of water that is larger and deeper than a pond and is a natural source of fresh water found on Earth's surface (IG)

layer a material that lies evenly over or under a different material (IG)

liquid matter that flows freely and takes the shape of its container (SRB, IG)

matrix something that connects other parts together (IG)

medium made up of middle-sized particles (IG)

mineral the colorful ingredient that makes up rocks (SRB, IG)

mixture two or more things mixed together (IG)

mortar a mixture of cement and sand (SRB, IG)

natural resource something from Earth. Rocks, soil, air, and water are natural resources. (SRB, IG)

nutrient something that living things need to grow and stay healthy (SRB)

ocean a natural source of salt water found on Earth's surface (IG)

particle a piece of rock (IG)

pattern a property that can help identify different rocks. Some rocks have different designs or patterns (IG)

pebble a rock that is smaller than a cobble, but bigger than gravel (SRB, IG)

pointed having sharp edges or corners (IG)

pond a small body of water that is a natural source of fresh water found on Earth's surface (IG)

property something that you can observe about an object or a material. Size, color, shape, texture, and smell are properties. (SRB, IG)

retain to hold (SRB)

river a large stream of water that is a natural source of fresh water found on Earth's surface (IG)

rock a solid earth material. Rocks are made of minerals. (SRB, IG)

rough bumpy; not smooth (IG)

round having curved edges like a circle (IG)

salt water water with salt. Salt water is found in oceans and seas. (SRB, IG)

sand rocks that are smaller than gravel, but bigger than silt (SRB, IG)

sand paper sand that is glued to paper to create different surface textures on wood (IG)

scoria a reddish, bubbly rock that was once the bubbly top of lava (IG)

screen a piece of mesh used to separate a mixture (IG)

sculpture a three-dimensional work of art (IG)

separate to take apart the ingredients of a mixture (IG)

settle to establish a place or position (IG)

shake to move back and forth rapidly (IG)

shape the appearance or form of an object (IG)

shiny bright or polished (IG)

sidewalk a paved walkway along the side of the street (IG)

silt rocks that are smaller than sand, but bigger than clay (SRB, IG)

sink to fall below the surface of water (IG)

size how large or small something is (IG)

smooth flat, level; not rough (IG)

soil a mix of sand, silt, clay, gravel, pebbles, and humus (SRB, IG)

solid matter that holds its own shape and always takes up the same amount of space (SRB, IG)

sort to arrange by property (IG)

stream a natural source of fresh water found on Earth's surface; can be small like a creek (IG)

texture the way something feels (SRB, IG)

tuff a light, soft rock that has ashes in it from the fires of a volcano (IG)

weathering when rocks break apart over time to become smaller and smaller (SRB, IG)