



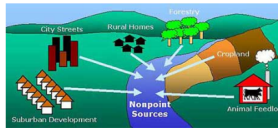


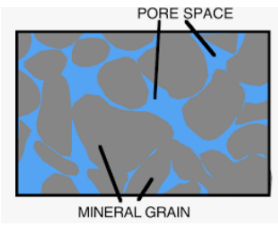







Vocabulary Sheet: Runoff, Weathering, and Erosion

Word	IMAGE	DEFINITION	EXAMPLE SENTENCE
Compaction (noun) <i>Compactación</i> To compact (verb) <i>Comprimir</i>		What happens when something is crushed or compressed	Garbage is often compacted so that it takes up less space.
Deposition (noun) <i>Deposición</i> To deposit (verb) <i>Depositar</i>		When sediment carried by water, ice, or wind are laid down in another place.	Sediment deposition occurred at the bottom of the Chesapeake Bay.
Erosion (noun) <i>Erosión</i> To Erode (verb) <i>Erosionar</i>		Movement or transport of weathered material by wind, water, or gravity.	The Grand Canyon is a good example of erosion because the Colorado River carved the canyon out of the rock.
Impervious surface (noun) <i>Superficie impermeable</i>		A surface that does not let water pass through	The parking lot is an impervious surface , and it always floods when it rains.
Non-point source pollution (noun) <i>Contaminación de fuente difusa</i>		Pollution that comes from many sources and locations	Many different lawns contribute to non-point source pollution in the Patuxent River.
Pervious surface (noun) <i>Superficie permeable</i>		A surface that lets water pass through	The grass field is a pervious surface and absorbs water when it rains.
Point source pollution (noun) <i>contaminación de fuente puntual</i>		Pollution that comes from a specific and identifiable source	The paper mill discharges waste directly into the river and contributes to point source pollution in our watershed.

Word	IMAGE	DEFINITION	EXAMPLE SENTENCE
Porosity (noun) <i>porosidad</i> Porous (adj) <i>poroso</i>	 <p>A diagram showing a cross-section of sediment. Dark grey, irregular shapes represent mineral grains, and the light blue spaces between them represent pore spaces. Labels with arrows point to 'PORE SPACE' and 'MINERAL GRAIN'.</p>	Amount of space between sediments	The soil behind our school has low porosity and water cannot pass through.
Runoff (noun) <i>escorrentía</i>	 <p>A photograph of a city street during a rainstorm. Water is flowing over the pavement, and a person is walking with an umbrella. A fire hydrant is visible on the left.</p>	Rain or snow that moves over the surface into streams and other water sources	The stormwater runoff caused the streets to flood and carried pollution into our local streams.
Sediment (noun) <i>sedimento</i>	 <p>A close-up photograph of a streambed, showing a mixture of small, light-colored rocks, pebbles, and sand.</p>	Pieces of rock material that are carried and deposited in a new location	The streambank was eroding, causing sediment to pile up in the stream.
Slope (noun) <i>la pendiente</i>	 <p>A photograph of a steep, grassy hillside under a clear sky. The slope is covered in green grass and some small shrubs.</p>	The side of a mountain or hill	The slope was steep and shady, making it hard for vegetation (plants) to grow.
Watershed (noun) <i>cuenca</i>	 <p>A map showing the Chesapeake Bay Watershed. The watershed area is outlined in yellow and covers parts of New York, Pennsylvania, Maryland, Delaware, and West Virginia. The Chesapeake Bay is shown in blue, and the Atlantic Ocean is to the east. Latitude and longitude lines are marked.</p>	An area of land where all the water drains to the same place	We live in the Chesapeake Bay watershed .
Weathering (noun) <i>Degradación</i> To Weather (verb) <i>Degradar</i>	 <p>A photograph of a large, light-colored rock with a prominent vertical crack. The rock is situated in a dry, grassy area.</p>	Occurs when rock wears down. Can be by wind, water, ice, temperature, etc.	The parking lot had many potholes due to weathering .