



## White Boot Explorer's Club Vocabulary List

TERM	DEFINITION
<b>Anoxia</b>	Is caused when there is no oxygen available
<b>Barrier Island</b>	A long narrow island lying parallel and close to the mainland, protecting the mainland from erosion and storms.
<b>Bayou</b>	A body of water, such as a creek or small river, that is a tributary of a larger body of water.
<b>Biodiversity</b>	The different kinds of life in the world or in a particular habitat or ecosystem
<b>Brackish</b>	Water that is slightly salty, as is the mixture of river water and seawater in estuaries
<b>Community</b>	An interacting group of various species in a common location
<b>Dissolved Oxygen</b>	Often referred to as DO, is a measure of how much oxygen gas is dissolved in the water
<b>Ecology</b>	The branch of biology that deals with the relations of organisms to one another and to their physical surroundings.
<b>Erosion</b>	A process in which soils or other materials are worn away and transported by natural forces like wind and waves
<b>Fresh water</b>	Water having a low salt concentration — usually less than 1%
<b>Hydrology</b>	The distribution and movement of water both on and below the Earth's surface, as well as the impact of human activity on water availability and conditions
<b>Hypoxia</b>	an aquatic environment that is too low in dissolved oxygen to sustain most life
<b>Intermediate marsh</b>	Marshes that are get pulses of salt water occasionally
<b>Land Loss</b>	Refers to the change of coastal land to open water by natural processes and human activities
<b>Marsh</b>	Wetlands that have soft stemmed vegetation that is adapted to wet soil conditions
<b>pH</b>	A measure expressing how acidic or basic (alkaline) a solution is
<b>Plankton</b>	The organisms drifting or floating in the sea or fresh water that can not swim against a current
<b>Pollution</b>	A substance or thing that is in the environment that has a harmful or poisonous effect of living things

**Population** A group of individuals of the same species living within the same area

<b>River Distributary</b>	Is a stream or small river that branches off and flows away from a main channel of a large river
<b>River Tributary</b>	A small river or stream that merges or flows into a larger river or stream
<b>Runoff</b>	Precipitation (rain or snow melt) that flows across the surface of the land and into nearby creeks, streams, or ponds
<b>Salinity</b>	The dissolved salt content of a body of water
<b>Salt water</b>	Water that contains a high concentration of dissolved salts
<b>Sediment</b>	Is solid that can move across land or through water via forces of erosion and settle in a new place (examples are pebbles, sand, silt, and clay)
<b>Soil</b>	the loose materials on the surface of the earth that provide the medium for plant growth
<b>Subsidence</b>	The gradual sinking or sudden sinking of the Earth's surface
<b>Swamp</b>	Wetlands that have woody vegetation like trees that are adapted to wet soil conditions
<b>Tidal</b>	Being affected by tides
<b>Tide</b>	the rise and fall of sea levels caused by the combined effects of the gravitational forces exerted by the Moon and Sun
<b>Watershed</b>	an area of land that channels rainfall, snowmelt, and runoff into a single body of water