

The Enviroscope Presentation correlates with the following Essential Standard and Clarifying Objectives for 8th Grade Science as indicated by yellow highlighting.

North Carolina Essential Standards
6-8 Science

Earth Systems, Structures and Processes

	Essential Standard	Clarifying Objectives	
8.E.1	Understand the hydrosphere and the impact of humans on local systems and the effects of the hydrosphere on humans.	8.E.1.1	Explain the structure of the hydrosphere including: <ul style="list-style-type: none"> • Water distribution on earth • Local river basins and water availability
		8.E.1.2	Summarize evidence that Earth's oceans are a reservoir of nutrients, minerals, dissolved gases, and life forms: <ul style="list-style-type: none"> • Estuaries • Marine ecosystems • Upwelling • Behavior of gases in the marine environment • Deep ocean technology and understandings gained
		8.E.1.3	Predict the safety and potability of water supplies in North Carolina based on physical and biological factors, including: <ul style="list-style-type: none"> • Temperature • Dissolved oxygen • pH • Nitrates and phosphates • Turbidity • Bio-indicators
		8.E.1.4	Conclude that the good health of humans requires: <ul style="list-style-type: none"> • Monitoring of the hydrosphere • Water quality standards • Methods of water treatment • Maintaining safe water quality • Stewardship