



8th Grade Community Water Monitoring



Students Explore the Factors that Influence Water Quality

- *Determining Water Quality from Macro-Invertebrate Populations
- *Chemistry of Water Quality
- *How Soil, Silt, Sand, and Clay Impact to Water Quality
- *Storm Water's and Water Quality
- * Human Impact on Water Quality

NC Essential Standards and Clarifying Objectives

8.E.1.1 Explain Local river basins and water availability.

8.E.1.3 Safety and portability of Water Supplies in NC based on physical and biological factors including Temperature, DO, pH, Nitrates, and Phosphates Turbidity and bio-indicators.

8.E.1.4 Conclude that the good health of humans requires: monitoring of the hydrosphere, water quality standards, water treatment, maintaining safe water quality and stewardship.

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