

Correlation to North Carolina High School Standards

9th Grade Science

EEn.2.2.1 Explain the consequences of human activities on the lithosphere (such as mining, deforestation, agriculture, overgrazing, urbanization, and land use) past and present

EEn.2.3.1 Explain how water is an energy agent (currents and heat transfer).

EEn.2.3.2 Explain how ground water and surface water interact. .

EEn.2.4.1 Evaluate human influences on freshwater availability.

EEn.2.4.2 Evaluate human influences on water quality in North Carolina's river basins, wetlands and tidal environments.

Middle and High School Technology Standards Addressed:

TT.1.1 Select appropriate technology tools to gather data and information (e.g., Web-based resources, e-books, online communication tools, etc.).

TT.1.2 Select appropriate technology tools to organize data and information (e.g., word processor, database, spreadsheet, graphic organizer, audio and visual recording, online collaboration tools, etc.).

TT.1 Use technology and other resources for the purpose of accessing, organizing, and sharing information.

TT.1.3 Select appropriate technology tools to present data and information effectively (multimedia, audio and visual recording, online collaboration tools, etc.)

Language Arts: High School Standards Addressed 9th, 10th, 11th, and 12th Grades

W.9.7 and W.10.7 Conduct short as well as more sustained research projects to answer a question (including a self-generated question) or solve a problem; narrow or broaden the inquiry when appropriate; synthesize multiple sources on the subject, demonstrating understanding of the subject under investigation.

W.11.6 and 12.6 Use technology, including the Internet, to produce, publish, and update individual or shared writing products in response to ongoing feedback, including new arguments or information.

W.11.8 and 12.8 Gather relevant information from multiple authoritative print and digital sources, using advanced searches effectively; assess the strengths and limitations of each source in terms of the task, purpose, and audience; integrate information into the text selectively to maintain the flow of ideas, avoiding plagiarism and overreliance on any one source and following a standard format for citation.

High School Arts/Music

MR.1 Understand the interacting elements to respond to music and music performances.

CR.1 Understand cultural, interdisciplinary and 21st century connections with music.