

Appendix 1: Implementing Teaching Standards

NC Essential Standards in Social Studies and Science

The two different sets of standards, below, will be used together in the unit. Since the NC Essential standards in science are a required part of the Integrated Science 8 curriculum they will be the primary focus of the curriculum unit and students will receive information, be evaluated on and assessed on their knowledge of renewable and non-renewable resources, as well as, the ways that we get, used, and manage our energy resources. This is preparation for our EOG in the spring. To supplement the students extended assignment of learning from the past to prepare for the future, the NC Essential Standards in Social Studies will serve as an add on to the required science content. Students will refocus prior knowledge or apply newly acquired knowledge to civil and environmental issues in class and discuss conflicts and methods of resolution to our current energy problems.

Science NC Essential Standard 8.P.2 (Main portion of curriculum)

Explain the environmental implications associated with the various methods of obtaining, managing, and using energy resources.

8.P.2.1 Explain the environmental consequences of the various methods of obtaining, transforming and distributing energy.

8.P.2.2 Explain the implications of the depletion of renewable and nonrenewable energy resources and the importance of conservation.

Social Studies NC Essential Standards 8.C and 8.G.2 (supplemental information)

Understand the role that citizen participation plays in societal change.

8. C &G.2.1 Evaluate the effectiveness of various approaches used to effect change in North Carolina and the United States (e.g. picketing, boycotts, sit-ins, voting, marches, holding elected office and lobbying).

8. C &G.2.2 Analyze issues pursued through active citizen campaigns for change (e.g. voting rights and access to education, housing and employment).

8. C &G.2.3 Explain the impact of human and civil rights issues throughout North Carolina and United States history.