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| **North Carolina Essential Standards- Environmental Science** |  **Dream of a Nation Chapter(s)** |
|  | ***1. A People Centered and Accountable Government*** | ***2. Citizen Stewardship*** | ***3. Creating a Stable and Equitable Economy*** | ***4. A New Media That Informs and Empowers*** | ***5. Aiming for the Best in Education*** | ***6. Re-Powering America*** | ***7. Improving Health and Avoiding Alarming Trends*** | ***8. Ending Poverty and Building Common Wealth*** | ***9. Re-Imaging Business*** | ***10. Strengthening Communities*** | ***11. Waging Peace*** | ***12. A Nation That Shines*** |
| **Objective EEn.2.2.1-2** Explain the consequences of human activities on the lithosphere (such as mining, deforestation, agriculture, overgrazing, urbanization, and land use) past and present.Compare the various methods humans use to acquire traditional energy sources (such as peat, coal, oil, natural gas, nuclear fission, and wood). |  |  |  |  |  |  |  |  |  |  |  |  |
| **Objective EEn.2.5.5**- Explain how human activities affect air quality. |  |  |  |  |  |  |  |  |  |  |  |  |
| **Objective EEn.2.6.3**-Analyze the impacts that human activities have on global climate change (such as burning hydrocarbons, greenhouse effect, and deforestation). |  |  |  |  |  |  |  |  |  |  |  |  |
| **Objective EEn.2.7.3**- Explain how human activities impact the biosphere. |  |  |  |  |  |  |  |  |  |  |  |  |
| **Objective EEn.2.8.1**- Evaluate alternative energy technologies for use in North Carolina. |  |  |  |  |  |  |  |  |  |  |  |  |
| **Objective EEn.2.8.2**- Critique conventional and sustainable agriculture and aquaculture practices in terms of their environmental impacts. |  |  |  |  |  |  |  |  |  |  |  |  |
| **Objective EEn.2.8.3**- Explain the effects of uncontrolled population growth on the Earth’s resources. |  |  |  |  |  |  |  |  |  |  |  |  |
| **Objective EEn.2.8.4**- Evaluate the concept of “reduce, reuse, recycle” in terms of impact on natural resources. |  |  |  |  |  |  |  |  |  |  |  |  |