Our state essential standards requires that Earth and Environmental Science students be able to,

(EEn.2.6.4) Attribute changes in Earth systems to global climate change (temperature change, changes in pH of ocean, sea level changes, etc.).

(EEn.2.6.3) Analyze the impacts that human activities have on global climate change (such as burning hydrocarbons, greenhouse effect, and deforestation).

This unit is targeted at many of these essential standards while also enlightening my students to possible jobs in the sciences that are interested in these very same standards.