

**SIMSBURY PUBLIC SCHOOLS CURRICULUM**

Designer Name(s): Janet Roche, Maureen Snyder

Subject Area: Science

Grade Level(s): 9

Unit Title/Focus: Energy Use in CT

Estimated Amount of Instructional Time: 2-3 periods

Additional Context:

**IDENTIFY DESIRED RESULTS**

<b>Connecticut State Frameworks</b>	<b>Other Goals (as appropriate)</b>
<b>Enduring Understandings</b>	<b>Essential Questions</b>
The trend in energy use in CT is to keep using non-renewable resources.	Do the trends in energy use in CT support CT's initiative to significantly decrease the use of non-renewable resources?

**Knowledge and Skills**

Students learn to recognize the line of best fit for the data in a line graph to state past trends and predict the future.

Students conduct inquiry-oriented research to understand the difficulties in increasing the use of renewable resources in CT and in Simsbury.

**ASSESSMENT PLAN**

Required Assessments (if any): Students interpret a line chart about energy use in CT from 1960-2000. Students generate questions regarding energy use in CT. Students conduct research and write a paper to answer their own and teacher-generated questions. Students cite the sources used in their paper.

**Supplemental Assessments:**

## **SUGGESTED LEARNING PLAN & KEY RESOURCES**

**Required Experiences and Resources (if any):**

**Supplemental Experiences and Resources:**