

**CURRICULUM**                      **Environmental Technology**

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**MODULE**                              **Energy**

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**LEARNING UNIT**                      **Ethanol**

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<b>OBJECTIVES</b>	<b>ACTIVITIES</b>	<b>RESOURCES</b>	<b>MASTERY CRITERIA</b>
The student will:  Understand where ethanol comes from  Understand the process of fermentation  Understand the history of ethanol  Understand modern ethanol production and future sources  Understand the environmental benefits of using ethanol  Understand ethanol and its role in the carbon cycle	Lecture  Guest speakers  Poster projects  PowerPoint presentation	World Wide Web  Worksheets  Handouts	Vocabulary quiz  Draw ethanol fuel in the carbon cycle  List the two pollutants which are reduced by using ethanol as a gasoline additive