

**CURRICULUM**                      **Environmental Technology**

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**MODULE**                              Energy

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**LEARNING UNIT**                      Coal (Clean Coal Technology)

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<b>OBJECTIVES</b>	<b>ACTIVITIES</b>	<b>RESOURCES</b>	<b>MASTERY CRITERIA</b>
<p>The student will:</p> <p>Explain the differences between traditional coal fired power plants vs. clean coal technology</p> <p>Understand how clean coal technologies work</p> <p>Understand the importance of removing hazardous coal emissions from the air</p> <p>Understand coal's effects on the environment</p>	<p>Lecture</p> <p>Class discussion</p> <p>Guest speakers</p> <p>Site visits</p> <p>Presentations</p>	<p>World Wide Web</p> <p>Handouts</p> <p>Graphs</p> <p>Energy text</p>	<p>Vocabulary quiz</p> <p>List the two main clean coal technologies</p> <p>Compare and contrast charcoal technologies and traditional fired plants in a Venn Diagram</p> <p>List the two main pollutants associated with traditional coal plants</p>