

Coal and the Environment

Grade Level: Sixth

Objective	The students will learn how burning coal affects the environment. The students will then work in small groups to create a video of online photographs they found demonstrating different aspects of coal burning.
Learning Environment	The students will need a quiet environment in which to read and understand the material given. After the material is read, the students will get into small groups in a computer lab.
Types of Students	The students are in a sixth grade science class.
Standards	N/A
Materials	<p>The students will need the following:</p> <ul style="list-style-type: none"> • Notes hand-out • Access to a computer with internet • Registration on ScreenToaster
Procedures	<p>1: The students will read the given notes hand-out about how coal burning affects our environment</p> <p>2: After the students have read the hand-out and have asked any question they may have regarding the information, they will be placed into their small groups to start researching different ways people burn coal, how it affects the environment, etc.</p> <p>3: After the students' initial research is done, they will need to register on ScreenToaster.com to start creating their video.</p> <p>4: The students will need to watch the video tutorial their teacher provided in order to learn how to use the application ScreenToaster.</p> <p>5: The students will then create a ScreenToaster video showing all the different ways they found that coal burning is hurting our environment.</p> <p>6: The appropriate link will be provided to the teacher to be shown to the class.</p>

<p>Application</p>	<p>After learning how coal burning affects our environment, the students will use ScreenToaster to show different aspects of coal burning.</p>
<p>Evaluation</p>	<p>Students will be evaluated on their understanding of the material and how well they represented different aspects of coal burning.</p> <p>Uniqueness of photographs: 15 points Overall team effort: 5 points Project Total: 60 points</p>