

## Standards-Based Lesson Template

<b>Submission Date</b>	2014-07-14 19:13:53
<b>Teacher:</b>	Mr. McLane
<b>Class:</b>	World History
<b>Lesson/Unit Title:</b>	Global Interdependency
<b>Abstract/summary of lesson:</b>	We are going to consider different ways to combat the current water crisis in the central valley.
<b>Students will know...</b>	Students will know the pros and cons of the Industrial Revolution.
<b>Students will be able...</b>	Students will be able to identify the effects of the industrial revolution on the world's population growth and the impact it has had on our environment. They will also be able to provide some ideas about solutions to the current crisis.
<b>Standards/Skills addressed</b>	<p>10.3 - Students analyze the effects of the Industrial Revolution in England, France, Germany, Japan, and the United States</p> <p>10.11 - Students analyze the integration of countries into the world economy and the information, technological, and communications revolutions</p>
<b>Performance tasks/projects:</b>	Students will create graphs of the world's populations growth and explain what caused the exponential growth over the last couple centuries. Subsequently, they will also create graphs showing the effects it has had on such things as the world's food and water supply.
<b>Test and quiz questions or essay prompts:</b>	<p>What is your solution to the current pace of the world's population growth?</p> <p>What will your legacy on this planet be?</p>
<b>Other evidence to be used (e.g., observations, evaluation of work samples, discussion):</b>	We will use socratic seminar to discuss these issues. I will also evaluate the graphs the students create to make sure they are gathering factual research.
<b>Student self-assessments:</b>	Students will reflect upon this assignment by considering how they can reduce their own impact on the environment.
<b>Objectives</b>	Students will be able to identify the effects of the industrial revolution on the world's population growth and the impact it has had on our environment. They will also be able to provide some ideas about solutions to the current crisis.
<b>Motivation:</b>	I will read with them about the story of the moths of Manchester and how the black soot from the factories effected the natural selection of the ecosystem. Then, I will show them clips of horrific examples of pollution around the world as well as examples of the drought crisis in our own backyard.

**Presentation:**

Some basic information will be provided through textbook reading about the Industrial Revolution and current move towards global interdependency. I will also help them create a graph of the world's population growth throughout history. After examining the environmental impact of this growth a little further, I will use a power point to display ways in which Gallo has attempted to leave minimal amount of carbon footprint on our earth and has tried to continually come up with ways to be as efficient as possible with their water and energy usage.

**Application/Activities:**

Activities will include a combination of reading, watching movie clips and a power point presentation, taking notes, creating graphs, and writing a reflective response.

**Materials needed:**

textbooks, paper, composition books, computer and overhead projector

**Assessment/Evaluation:**

Students will write a 1 page reflection of this lesson considering how we can reduce our own impact on the environment at a local and global level.

**Closure/Reflection:**

In conclusion, the Industrial Revolution has allowed for many of our daily conveniences to become common place. However, we still need to consider the price we pay as human beings in terms of our disregard for worldwide sustainability.