



University of South Carolina Aiken
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Unit Plan Overview for Interdisciplinary Traveling Trunk

Title of Unit: The Triangle Shirtwaist Factory Fire & the Industrial Revolution Grade Level: 7 Duration: 2-3 weeks

Developed by: Marianne Berst, Jennifer Craig, Nancy Carroll, Christine Walcott

Aiken Writing Project Summer Institute Teacher/Consultant: Jennifer Craig

South Carolina Academic Standards for two or more content areas:

ELA	Math	Science	Social Studies
7-1.2, 1.6, 1.7, 1.9 7-2.1-8 / 7-6.1-8	7-1.1, 7-2, 7-3, 7-6	7-1.1, 1.7 7-5.2, 5.5, 5.6, 5.9	7-3, 7-3.4

Class Novel	<i>Smokestacks and Spinning Jennys: Industrial Revolution</i> (Raintree Fusion: American History Through Primary Sources) by Sean Stewart Price (10) <i>Kids on Strike!</i> by Susan Bartoletti (10)
Literature Circle Novels (4 copies of each)	<i>The Triangle Shirtwaist Factory Fire</i> (Graphic Novel) by Jessica Gunderson <i>Ashes of Roses</i> (Historical Fiction) by Mary Jane Auch <i>Uprising</i> (Historical Fiction) by Margaret P. Haddix <i>Bread and Roses, Too</i> (Historical Fiction) by Katherine Paterson
Text Set	<i>Flesh and Blood So Cheap: The Triangle Fire and it's Legacy</i> by Albert Marrin (2) <i>The Industrial Revolution: Investigate How Science and Technology Changed the World with 25 Projects</i> (2) <i>Triangle: The Fire that Changed America</i> by David von Drehle (2) <i>A Brief History of the Age of Steam: From the First Engine to the Boats and Railways</i> by Thomas Crump (1) <i>The Industrial Revolutionaries: The Making of the Modern World 1776-1914</i> by Gavin Weightman (1) <i>What is the Statue of Liberty?</i> (1) <i>The Industrial Revolution with 25 Projects</i> (1) <i>American Experience: Triangle Fire</i> PBS DVD (1)
Essential Questions	<ul style="list-style-type: none"> • How do you safely and accurately use lab equipments in the classroom? • What were the causes of the Industrial Revolution and how did it change the course of history? • What was the cost of a safe work environment and equal wages? • Who were the heroes of the Industrial Revolution?

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Vocabulary	<p>pH density primary document hazardous acid base agriculture microscope industry elements neutral solution shirtwaist compound litmus paper perimeter</p>	<p>mixtures phenolphthalein pay scale pH paper melting point O.S.H.A boiling point industrialize poverty chemical properties labor laws</p>	<p>burning migration immigrant rusting rural engine population growth safety regulations urban socialism steam engine</p>		
Materials	<table border="0" style="width: 100%;"> <tr> <td style="width: 50%; vertical-align: top;"> <p>Best Water Quality Test kit Posters Markers Graphing Dry Erase Boards Master Grids for Math The Algebra Game Graphing Mats</p> </td> <td style="width: 50%; vertical-align: top;"> <p>Math Bulletin Board Set various articles found online and listed in lesson plans shirt template clothes line and pins</p> </td> </tr> </table>			<p>Best Water Quality Test kit Posters Markers Graphing Dry Erase Boards Master Grids for Math The Algebra Game Graphing Mats</p>	<p>Math Bulletin Board Set various articles found online and listed in lesson plans shirt template clothes line and pins</p>
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Activities	<p>Science:</p> <ul style="list-style-type: none"> • Creating posters on safety • Safety procedure lab • Safety scenarios game • Safety flash card and equipment hunt • Safety skits <p>Math:</p> <ul style="list-style-type: none"> • Create a timeline for of events after watching Discovery Education video Segments <i>Positive Result of the Triangle Shirtwaist Fire, The Tragedy of the Triangle..., Coffins in the Aftermath of the Triangle...</i> • Design graphs and tables that are representative of workers pay scale, work shifts, labor conditions, etc. • After reading "The Cutter's Art," students will summarize the procedure and graph the amount of materials saved and lost by each employee • Participate in whole group discussions <p>Social Studies:</p> <ul style="list-style-type: none"> • Illustrate the changes in farming that result from the Agriculture Revolution, include labels and captions explaining changes • Create a concept web on the Industrial Revolution. • Create a Top Ten List for the reasons why Great Britain was first industrialize • Participate in various read alouds and whole group discussions as itemized in lesson plans <p>English:</p> <ul style="list-style-type: none"> • Create a K-W-L anchor chart as a pre-reading activity for the Industrial Revolution • Literature circles will be used to discuss and respond to various aspects of the Triangle Shirtwaist Factory Fire and how it affected change. 				

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	<ul style="list-style-type: none">• Interactive notebooks will be used for reflection after each literature circle reading and discussion.• A RAFT will be completed representing various players in the novels and history• As a final assessment, students will design shirts with symbols on the front representing some aspect of our unit- on the back students will write essays answering one of the essential questions from the unit.
Pre-Writing and Writing Activities	See above
Accommodations/ Differentiating Instruction	Multi-sensory activities address all learning types.