



**2010 *Back to History* Lesson Plan
“Dominion of War”**

Team Members:	Ronald C. Wood
Instructional Unit:	Civil War
Title of Lesson:	Role of Technology
Grade Level:	5
Description:	Discussion and research of the technology developed and used during the Civil War.
Standards: Include Standard, Benchmark Letters, and GLI numbers	History: # 1 Social Studies Skills/Research: #1, 3
Duration:	5 days

Materials and Resources:

1. *Pink and Say* by Patricia Polacco. Philomel Book, 1994.
2. *Civil War A to Z: The Complete Handbook of America’s Bloodiest Conflict*, Clifford L. Linedecker, ed. Random House, 2002

Primary Source Materials:

Communication:

1. Federal Observation Balloon "Intrepid" Being Inflated – Battle of Fair Oaks, Va. May, 1862. The Civil War Home Page: Communications & Intelligence, http://www.civil-war.net/cw_images/files/images/016.jpg.
2. Signal Tower at Cobb's Hill, Near New Market, Va. 1864. The Civil War Home Page: Communications & Intelligence, http://www.civil-war.net/cw_images/files/images/019.jpg.
3. Team Constructing Telegraph Lines, April, 1864. The Civil War Home Page: Communications & Intelligence, http://www.civil-war.net/cw_images/files/images/018.jpg.

Medical Care:

1. Ambulance Wagons and Drivers at Harewood Hospital, Washington, D.C. 1863. The Civil War Home Page: Medical & Hospitals, http://www.civil-war.net/cw_images/files/images/263.jpg.
2. Amputation Being Performed in a Hospital Tent, Gettysburg, Pa. July 1863. The Civil War Home Page: Medical & Hospitals, http://www.civil-war.net/cw_images/files/images/036.jpg.
3. Gustav Webber's Amputating Set, creator-unknown, circa 1861-1862, contributor-Detrick Medical Historical Center, <http://www.ohiomemory.org/u/?p267401coll36,9009>.
4. Wounded Soldiers Being Tended in the Field After Battle of Chancellorsville- Near Fredericksburg, Va. May 1863, http://www.civil-war.net/cw_images/files/images/035.jpg.

Weaponry:

1. Battery of Parrot Guns Manned by Company C, 1st. Connecticut, Heavy Artillery, Fort Brady, Va. 1864. The Civil War Home Page: Artillery Units & Equipment, http://www.civil-war.net/cw_images/files/images/214.jpg.
2. James A. Garfield's Colt Navy Revolver, creator-Colt Company, circa 1853-1857, contributor-Western Reserve Historical Society, <http://www.ohiomemory.org/u/?p267401coll36,11284>.
3. Stacked and Scattered Ammunition Near the Virginia State Arsenal- Richmond, Va. April 1865 The Civil War Home Page: Artillery Units & Equipment, http://www.civil-war.net/cw_images/files/images/232.jpg.
4. William Quantrill's Powder Flask, creator-unknown, circa 1860, contributor-Dover Historical Society, <http://www.ohiomemory.org/u/?p267401coll36,24569>.

Warm Up:

1. Discuss the causes of the Civil War.
2. Read and discuss *Pink and Say*.
3. Discuss ways technology could be improved.
4. Complete a comparison and contrast writing assignment discussing the technology of the time compared to today's technology.

Instructional Strategies:

1. Whole group discussion
2. Brainstorming in small group setting (discussing ways technology differs today.)
3. Individual research on application of technology of that time period.

Homework and Practice:

Complete a one-page report on the technology researched.

Assessment Question:

What were some of the advancements made to existing technology during the Civil War?

Re-teach Activity:

Students will depict two drawings on the same sheet of paper. One drawing will show technology of the Civil War era, the second drawing will show related technology of today. A caption will then be added to tell of the relationship.

Extension Activity:

Research which technologies of the Civil War were advanced and developed, which ones were short-lived and why.