

# BLOGGING IN THE CLASSROOM

<http://oneplace.ctap3.org>

## Tech Integration Lesson Plan: Blogging your way through the Scientific Revolution

**Subject:** History-Social Science

**Focus:** Scientific Revolution

**Grade Level:** 7th

**Technology Level:** beginner to intermediate

### [California Standards](#)

7.10 Students analyze the historical developments of the Scientific Revolution and its lasting effect on religious, political, and cultural institutions.

- Discuss the roots of the Scientific Revolution (e.g., Greek rationalism; Jewish, Christian, and Muslim science; Renaissance humanism; new knowledge from global exploration).
- Understand the significance of the new scientific theories (e.g., those of Copernicus, Galileo, Kepler, Newton) and the significance of new inventions (e.g., the telescope, microscope, thermometer, barometer).
- Understand the scientific method advanced by Bacon and Descartes, the influence of new scientific rationalism on the growth of democratic ideas, and the coexistence of science with traditional religious beliefs.

### [ISTE National Educational Technology Standards for Students \(NETS\\*S\)](#)

Communication and Collaboration

- Students use digital media and environments to communicate and work collaboratively, including at a distance, to support individual learning and contribute to the learning of others.

### **Objectives**

Students will research an invention from the scientific revolution. Students will write about how their selected invention affected religion, politics, and culture. Students will compare and contrast the influences of different inventions on society.

### **Teacher Preparation**

Create a blog using a blog site and create necessary student accounts. Create three categories on the blog: religion, politics, and culture. Write an introductory post for each and assign it to the appropriate category. Confirm that the commenting feature is available to students. Provide necessary instruction for using the commenting feature and categories. Discuss appropriate commenting skills. Divide students in groups of 3. Each group should have an assigned facilitator, timekeeper, and note taker.

**Technology Skills:** online navigation, online etiquette, blog commenting, blog categories

**Materials:** 1 computer with internet for every 3 students, Internet browser (Internet explorer, Firefox), blog set up by teacher, textbooks

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## Activity Description

- Stage 1: each group will select an invention of the scientific revolution using their textbook and additional class and online resources. Each group will then post on the blog in each of the 3 categories using the commenting feature. Student posts should include what spawned the invention, who invented it, and how it affected the category: religion, politics, and culture.
- Stage 2: students read comments from other groups, then compare and contrast their findings. Groups then comment on another group's post stating similarities and differences between their findings (how their invention effected the category)
- Stage 3: students should review and answer questions and comments made by other groups regarding their first post.
- Wrap up: have a class discussion about the process and their findings. If possible project the blog for all the class to see while you discuss the general project as well as specific posts.

## CUSTOMIZE IT! Adjust this project / skills for use in your classroom

Refocus:

Advance it:

Pull it back: