

## CHINESE INVENTION LESSON PLAN

### 1. A rationale for the proposed unit

The rationale for this unit is to develop a sense of “what we owe” to the Chinese, to help spark an inventor’s spirit among students, and, of course, to meet 7th Grade state standards on East Asia.

### 2. Skill and content objectives

**California State History and Social Study Standards:** 7.3.5: Describe agricultural, technological, and commercial developments during the Tang and Sung periods.

7.3.7: Trace the historic influence of such discoveries as tea, the manufacture of paper, wood block printing, the compass, and gunpowder.

**21st Century Skill:** Creativity and Imagination

### 3. Detailed lesson plan

This is roughly a three day lesson plan that will require outside work, in which students will do a Museum Walk to introduce themselves to various Chinese inventions, create a Chinese Inventions Poster that includes their own inventions, and complete a presentation of their poster and their inventions.

**Readings:** Any CA textbook based on Standards (in my TCI book, it is chapter 17).

**Lesson Objectives:** 1. Introduce students to ancient inventions and the rich technological heritage of China. 2. To help students think of themselves as inventors, and appeal to their creative side.

#### **Class and individual activities:**

*Prep for Lesson:* Read the Chinese Invention Poster Handout. Post Images and texts around the room. You can create Multiple copies to keep students spaced out.

*Day 1:* Museum walk exploring Chinese inventions.

- A. Introduce students to the idea that China is home to some of the world’s most important inventions.
- B. Explain how a Museum walk works, if they have never done one.
- C. Pass out Museum walk handout and have student go around the room
- D. Wrap up by discussing what students found.

*Day 2:* Chinese Invention Poster. Complete Posters at home.

- A. Pass out Chinese Invention Poster Handout. Discuss what students are going to do (see handout).

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- B. Discuss with students the importance of inventions impact on society and how new inventions are often built on older inventions.
- C. Have students pick their three inventions and on a blank sheet of paper, sketch out a basic poster.
- D. Set a due date and help students work out their ideas!

### *Day 3: Student Presentations*

- A. Have students present one of their best inventions.
- B. Discuss inventions, possible ideas:
  - 1. Vote on the three best inventions
  - 2. Discuss the importance of

### **4. Assessing Student Achievement**

Concerning the Gallery Walk Handout, grading can simply be a complete/incomplete. Also, students can receive grades for their work as they walk around the class.

Concerning the grading of the poster, please see the rubric on the Chinese Invention Handout.