

Scientists Trading Cards Project

World History ~ Chapter 6

You will use information from Chapter 6, Section 1 of your World History textbook and additional online research to create a trading card for 6 scientists: Nicolaus Copernicus, Galileo Galilei, Isaac Newton (all required), and three others of your choice selected from Chapter 6, Section 1.

Project Schedule

Wednesday, Dec. 9th

Project Introduction & selection of 3 scientists of your choice

Thursday, Dec. 10th & Friday, Dec. 11th

Research in the computer lab: complete Research Notes for each scientist based on information found in your online research and Chapter 6, Section 1 of your textbook.

Monday, Dec. 14th - Wednesday, Dec. 16th

In-class work days: Create a trading card for each of the 6 scientists: Nicolaus Copernicus, Galileo Galilei, Isaac Newton, and 3 others of your choice from Ch 6, Sec 1. **All 6 cards are due at the end of the class period on Wednesday, Dec. 16th**

Trading Card Guidelines

EACH card MUST contain ALL of the following:

Front of card:	Back of card:
<ul style="list-style-type: none"> Name of scientist Date of birth & date of death Country Type of scientist (astronomer, mathematician, etc.) <i>Hand-drawn</i>, full-color, high quality illustration of the scientist –or- his discoveries 	<ul style="list-style-type: none"> At least 2 major achievements/philosophies/ideas At least 2 quotes At least 2 major published materials or other important works (books, pamphlets, etc.) Other interesting information about the scientist, their life, or their work Created by: (your name)



Trading Card Procedures

- Use provided poster paper and template to cut out six blank 4x6 cards
- Each student will create 6 cards – 1 for each of the 6 scientists: Nicolaus Copernicus, Galileo Galilei, Isaac Newton, and 3 others of your choice from Chapter 6, Section 1.
- Use provided colored pencils, markers, crayons, construction paper, etc. to create colorful, high-quality cards that contain all of the information listed in the above requirements.

Example Historic Trading Card

(front)

(back)

<p>Abraham Lincoln 1861-1865 P R E S I D E N T</p>  <p>Born: Feb. 12, 1809, Hodgenville, Ky., U.S. Died: April 15, 1865, Washington, D.C. 16th president of the U.S. (1861–65).</p>	 <p>Abraham Lincoln</p> <p>To unite the North and influence foreign opinion, he issued the Emancipation Proclamation (1863); his Gettysburg Address (1863) further ennobled the war's purpose. The continuing war affected some Northerners' resolve and his reelection was not assured, but strategic battle victories turned the tide, and he easily defeated George B. McClellan in 1864. His platform included passage of the 13th Amendment outlawing slavery (ratified 1865). At his second inaugural, with victory in sight, he spoke of moderation in reconstructing the South and building a harmonious Union. On April 14, five days after the war ended, he was shot and mortally wounded by John Wilkes Booth.</p>
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Each trading card will be graded based on the following rubric:

4	3	2	1
Complete & contains all required elements; accurate, relevant & factual information and quotes. Hand-drawn, full-color, high quality illustrations of the scientist or his discoveries; well-organized and excellently presented	Nearly complete & contains most required elements; accurate & factual information Nearly complete, hand-drawn, color illustration of the scientist and his discoveries; organized and presented nicely	Incomplete & contains some required; inaccurate information Incomplete illustrations, lacking color and quality; and/or poorly organized	Incomplete & contains little to no required elements; contains little to no accurate information and/or quotes; very poorly organized Missing or irrelevant illustrations

Scientists Trading Cards Self-Evaluation

For each of your six trading cards, evaluate yourself using the rubric guidelines. Turn this in with your completed project.

	Student Self-Evaluation		Teacher Evaluation
	Score	Explanation	
Card 1 Nicolaus Copernicus			
Card 2 Galileo Galilei			
Card 3 Isaac Newton			
Card 4 Scientist's Name:			
Card 5 Scientist's Name:			
Card 6 Scientist's Name:			