**Scientists Trading Card Project**

You will work with a partner to research additional information about 4 assigned scientists from Chapter 15.
You will then use that additional information to create 4 trading cards for each scientist: one card to turn in and 3 to trade with classmates. Your ultimate goal will be to work with your partner to collect a complete set of 12 trading cards (one for each scientist from the Ch. 15 list of important people).

**Project Schedule**

 **Wednesday, Nov. 7th
Step 1:** Choose a partner to work with and sign up with your teacher to receive your 4 assigned scientists

 **Thursday, Nov. 8th
Step 2:** Research in the computer lab. Each individual will conduct research on 2 of the assigned scientists to gather the information needed to complete the trading cards (see requirements below)

 **Friday, Nov. 9th & Tuesday, Nov. 13th
Step 3:** Work with your partner to create 4 trading cards for each of the 4 scientists you were assigned (see requirements below). Each individual will create a total of 8 cards - 4 for one assigned scientist, 4 for another scientist (16 total per partnership)
**Step 4:** Turn in one trading card for each assigned scientist (for grading – 2 per individual)

 **Wednesday, Nov. 14th
Step 5:** Work with your partner to trade cards with classmates and collect a complete set of all 12 trading cards

**Trading Card Procedures & Requirements**EACH card MUST contain ALL of the following:

|  |  |
| --- | --- |
| **Front of card:*** Name of scientist
* Date of birth & date of death
* Country
* Type of scientist (astronomer, mathematician, etc.)
* Hand-drawn, full-color, high quality illustration of the scientist –or- what they did
 | **Back of card:*** At least 2 major achievements/philosophies/ideas
* At least 2 quotes
* At least 2 major published materials or other important works
* Any other interesting information about the scientist, their life, or their work
* # assigned to scientist
* Created by: (your name)
 |

* Use provided poster paper and template to cut out 16 - 4x6 cards
* Each individual will create 8 cards – 4 for one assigned scientist, 4 for another scientist (16 total per partnership)
* Use provided colored pencils, markers, crayons, construction paper, etc. to create colorful, high-quality cards that contain all of the information listed in the requirements
* Accuracy, importance of facts chosen, and creativity will be part of your grade (see grading rubric)

**Scientists Trading Card Project Grading Rubric
\*\*SUBMIT THIS RUBRIC WITH YOUR FINAL PRODUCT ON 11/14/12\*\***

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| --- | --- | --- | --- | --- |
|  | **4** | **3** | **2** | **1-0** |
| **Front of Cards: Information** | Complete & contains all required elements (name, dates, country, type of scientist, illustration); accurate, relevant & factual information | Nearly complete & contains most required elements (name, dates, country, type of scientist, illustration); accurate & factual information | Incomplete & contains some required elements (name, dates, country, type of scientist, illustration); inaccurate information  | Incomplete & contains little to no required elements (name, dates, country, type of scientist, illustration) |
| **Front of cards: Quality and creativity** | Hand-drawn, full-color, high quality illustrations; high-quality, relevant information; well-organized and excellently presented | Nearly complete, hand-drawn, color illustration; accurate & factual information and quotes; organized and presented nicely | Incomplete illustrations, lacking color and quality; and/or inaccurate information; poorly organized | Incomplete and contains little to no accurate information and/or quotes; very poorly organized |
| **Back of cards: Information** | Complete & contains all required elements (achievements, quotes, published works, interesting info., # of scientist, and creator’s name); accurate, relevant & factual information | Nearly complete & contains most required elements (achievements, quotes, published works, # of scientist, and creator’s name); accurate & factual information | Incomplete & contains some required elements (achievements, quotes, published works, # of scientist, and creator’s name); inaccurate information | Incomplete & contains little to no required elements (achievements, quotes, published works, # of scientist, and creator’s name) |
| **Back of cards: Quality and creativity** | Complete, high quality, relevant information and quotes; well-organized and excellently presented; additional interesting information | Nearly complete, accurate & factual information and quotes; organized and presented nicely | Incomplete and/or inaccurate information and quotes; poorly organized | Incomplete and contains little to no accurate information and/or quotes; very poorly organized |

Example historic trading card: (front) Example historic trading card: (back)

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
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| **Abraham Lincoln** |
| **1861-1865** | **Abraham Lincoln, 1863.**B**orn: Feb. 12, 1809, Hodgenville, Ky., U.S.Died: April 15, 1865, Washington, D.C.**16th president of the U.S. (1861–65). |
| **P****R****E****S****I****D****E****N****T** |

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| Abraham Lincoln, 1863.**Abraham Lincoln** |
| **To unite the North and influence foreign opinion, he issued the** [Emancipation Proclamation](http://www.britannica.com/needmore) **(1863); his** [Gettysburg Address](http://www.britannica.com/needmore) **(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](http://www.britannica.com/needmore) **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](http://www.britannica.com/needmore)**.** |

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