Scientific Revolution Trading Cards

Create a set of trading cards (for all 9 scientists listed below) on index cards, printer paper or construction paper representing their major achievements during the Scientific Revolution. Due Date on Monday 10/14/19. The majority of this assignment will be done in class.

* + Francis Bacon
  + Nicolaus Copernicus
  + Isaac Newton
  + Galileo Galilei
  + Johannes Gutenberg
  + Johannes Kepler
  + Adreas Vesalius
  + Antonie Van Leewenhoek
  + Antonie Lavoisier

**Links to help you research the scientists→**

1. <http://www.sciencekids.co.nz/videos/famousscientists.html>
2. <http://www.ducksters.com/biography/scientists/scientists_and_inventors.php>
3. <http://mrnussbaum.com/all-biographies/>

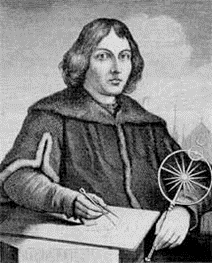
**Trading Card Procedures & Requirements**EACH card MUST contain ALL of the following:

|  |  |
| --- | --- |
| **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 | **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 * Created by: (your name) |

* Use note cards, construction paper, printer paper
* Each individual will create 9 cards
* Use colored pencils, markers, crayons, , 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**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | **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 |



Lavoisier