

Second Quarter Science/Social Studies Project

Ancient or Medieval Scientist

Presentation & Poster

At the beginning of the second quarter you will need to begin doing research on an ancient or medieval scientist or inventor. The person you select can be from any culture. If you have any questions about the acceptability of your biography choice, please check with Mrs. Sato.

Basic Requirements of the Small Poster (Due January 4, 2011)

- The poster should be done on regular-sized computer printer paper.
- You may do the poster on the computer or by hand, or as a combination of both.
- The poster should give your scientist's name, picture (photo or drawing), year of birth and year of death (if known), and the main item(s) the person invented, discovered, or worked on. The poster can also include pictures, clipart, or drawings of the inventions or discoveries. Please keep it simple. It is a small poster and should not be cluttered with too much.

Written Speech/Paper (Due on date of your presentation - see dates on back)

- Please type or write out your speech and submit a copy to Mrs. Sato on the day of your oral presentation. See the description of the oral presentation below to find out what you should include.

Basic Requirements of the Oral Presentation (See dates on back)

- Your oral presentation should take 3-5 minutes, with a maximum of five minutes. No more.
- Your presentation should be given in first person. This means you should use the pronouns "I," "we," "me," and "us."
- You do not have to memorize your entire speech. You may have notes or cards. However, you do need to make eye contact with the audience. Your score will be marked down if you just stand up there and read your speech.
- You should come dressed in costume. Just do the best you can. Please do not go out and buy a costume. Ask me for help if you need some suggestions.

Parts of the Oral Presentation

- At the beginning of your oral presentation, you should introduce yourself as the inventor/scientist you read about and give some background information such as where your scientist lived and what life was like where he/she lived. Include information about the person's family, and any interesting stories from the person's life.
 - The middle of your presentation should include background information about the major items invented, created, or problems solved. You should talk about the people who helped your character with his/her invention and some of the problems he/she encountered and how they were overcome.
 - To conclude your presentation, you should talk about what you think your character would like to see happen in the future with his/her invention and any encouraging thoughts for people in the future. Remember, this person lived a long time ago so you must talk as if many of today's inventions do not yet exist.
- **List of Sources (Book due from November 29 - December 15; written list should be submitted with speech)**
 - Please keep a list of all the books, magazines, encyclopedias, and websites which you use in your research. You must submit this list with your written speech. You must have at least one book on your research list and you must bring in the book between November 29 and December 15. You will receive 20 points for bringing in the book for Mrs. Sato to see.

• **Due Dates**

Nov. 29 - Dec. 15	Bring in biography or book about scientist
January 4	Small poster must be turned in

Oral Presentation Dates **(includes written speech, list of sources, & costume)**

January 5	DeShawn, Roger, Hannah, Jael
January 6	Patrick, Satoru, Kyler, Jacky, Lauren
January 11	Franc, Genki, Casey, Jessica
January 12	Sergio, Stephen, Leslie, Rafaela

Suggested Scientists

Here are some suggested scientists. You do not have to use one of these names, but at least this will give you a start in your research.

Galileo Galilei	Zacharias Janssen
Sir Isaac Newton	Christian Huygens
Archimedes	James Gregory
Euclid	Hans Lippershey
Johannes Gutenberg	Evangelista Torricelli
Peter Henlein	Martin Behaim
Leonardo da Vinci	Wei Pu
Johannes Kepler	Avicenna
Nicholas Copernicus	Ibn al-Baitar
Robert Boyle	William Gilbert
Edmund Halley	Blaise Pascal