**Pioneers Choice Board**

**Directions:** Choose two activities to complete. Use teacher/parent approved resources to conduct your research before you begin each project.

**Choice One: Alexander Fleming: A Medical Pioneer**

With a partner, research both Dr. Alexander Fleming and Dr. Howard Florey. Each partner should choose one of the two so that both people are investigated. Create a persuasive piece about why your person deserves more credit for the discovery of penicillin. Be sure to include the information you researched about his life. Be sure to share your information in a way that you have not yet used this school year.

**Choice Two: Jacques Cousteau: An Ocean Pioneer**

Draw and color a map of the possible locations of Atlantis. Then create another map of the topography of the ocean floor. Include at least 8 physical features (labeled) and color it. Include a key and title on both maps. Be sure to share your information in a way that you have not yet used this school year.

**Choice Three: Pioneering Women During and After World War II**

Choose one of the following pioneering American women: Dorothy Shaver, Grace Hopper, Eleanor Roosevelt, Oveta Culp Hobby, Dorothy Thompson, Anna Rosenberg, Amelia Earhart, Margaret Chase Smith, Anne O’Hare McCormick, Frances Perkins, Cissy (Eleanor) Medill Patterson, Mary McLeod Bethune, Pauline Frederick, Hattie Ophelia Wyatt Caraway, Anne Morrow Lindbergh, Georgia Neese Clark Gray, Olive Anne Beech, Helen Eugenie Moore Anderson, Virginia Apgar, or Sylvia Field Porter. Create a radio interview with your pioneering woman. Make sure to ask about her past, her role during World War II, all the problems she encountered, and her accomplishments since World War II. It should include illustrations created by you. Be sure to share your information in a way that you have not yet used this school year.

**Choice Four: Pioneering Explorers of the Land**

Create a game about natural disasters (flood, drought, earthquakes, volcanoes, tidal waves, tsunamis, tornadoes, hurricanes). The game should have a snappy title, rules, shortcuts, and pitfalls. You should also include at least 20 question cards with higher level questions and answers about at least 5 different natural disasters. Be sure to share your information in a way that you have not yet used this school year.

**Choice Five: Pioneering Immigrants**

With a partner, choose two of the immigrants below who made contributions to American society. Each person should research one of the two immigrants. Then, share your information with your partner. Find similarities and differences between the two. Find at least 12 similarities and differences. Be sure to share your information in a way that you have not yet used this school year.

Joseph Pulitzer, Bela Lugosi, Irving Berlin, Isaac Asimov, Knute Rockne, Andrew Carnegie, Felix Frankfurter, John Jacob Astor, Al Jolson, Alexander Graham Bell, Samuel Goldwyn, Michael Pupin, Pauline Newman, Michael Cudahy, Edward G. Robinson, Charles Fleischmann, Frank Capra, John Ericsson, Edward Flanagan, John Udden, Bob Hope, Lucas P. Kyrides, David Dubinsky, David Thomas, Conrad Hubert, Ottmar Mergenthaler

**Choice Six: Pioneering Inventors**

**Invention Opportunity**

Figure out a problem that you encounter every day. Then invent something to help you solve the problem. First, brainstorm as many problems as you can think of in your life. Choose the problem that you think is the most important to solve. Write your decision. Write down some ideas for solving the problem with an original invention. Choose the idea that you think is best. Write a plan for the invention (what materials you will need, how it will work, etc.). Draw a sketch for your invention and name it. Next, build a model of your invention. It does not need to be a working model. How much will you charge for your invention? Which audiences will be interested in it? Where will your invention be built? Who will build it? Where will it be sold? How do you think your invention will change the world? How could your invention be improved? Be sure to share your information in a way that you have not yet used this school year.

**Helpful Technology:**

<http://en.wikipedia.org/wiki/Penicillin>

<http://inventors.about.com/od/pstartinventions/a/Penicillin.htm>

<http://en.wikipedia.org/wiki/Atlantic_Ocean>

<http://www.activemind.com/Mysterious/Topics/Atlantis/>

<http://www.biography.com>

<http://www.biography-center.com/>

<http://www.infoplease.com/people.html>

<http://vulcan.wr.usgs.gov/Glossary/PlateTectonics/Maps/map_plate_tectonics_world.html>

<http://fcsdestiny.fultonschools.org/common/servlet/presenthomeform.do?l2m=Home&tm=Home&l2m=Home>
<http://www.safesearchkids.com/>
[www.sweetsearch.com](http://www.sweetsearch.com/)
<http://www.newsela.com>
<http://georgiainfo.galileo.usg.edu/>
<http://www.kidskonnect.com/>