

Scientists Around the World

WebQuest Description: Students will gather information about scientists from different time periods and different parts of the world. The students will research facts about the scientists and write a paragraph. Students will share the information they research with the class and discuss how people all around the world have taken part in scientific discovery for many centuries.

Grade Level: K-2

Curriculum: Science

Keywords: scientists, scientific investigation, science, scientific discovery

Published On: 2013-09-12 19:26:02

Last Modified: 2014-11-16 14:58:13

WebQuest URL: <http://zunal.com/webquest.php?w=209602>

Introduction

Who is the most famous scientist of all time? Who is the scientist that helped the world think about our solar system and astronomy in a new way? Who is the most talented person to have lived? Who is the best known primatologist? Who is the most famous scientist of modern times? These questions and more will be answered in our exploration of scientists throughout history. For centuries, brilliant and curious minds have explored the world around us and made discoveries that have forever changed the course of history. The courage and determination of these pioneering scientists offers us much to admire and be grateful for today. We will learn about these diligent scientists and the significant discoveries they have made.

Tasks

- You will be researching one scientist using the internet.
- You will need to find the time the scientist lived, the country he or she lived in, the important discoveries and contributions he or she made, and a picture of the scientist.
- You will be writing a paragraph about your scientist and sharing your researched information with the class.
- You will also be making the flag of the country your scientist is from.
- Following everyone's presentations, we will have a class discussion based on the questions listed in this webquest's conclusion.

Process

Task 1 Using one of the websites listed below you will complete the Scientist Information Sheet on the scientist assigned by your teacher. Please fill in all sections of the information sheet using complete sentences. You will be looking for the following information about your scientist: date of birth and death, home country, significant discoveries and accomplishments, picture. Who is the most famous scientist of all time? <http://www.sciencekids.co.nz/sciencefacts/scientists/alberteinstein.html> Who is the scientist that helped the world think about our solar system and astronomy in a new way? <http://www.sciencekids.co.nz/sciencefacts/scientists/galileogalilei.html> Who is the most talented person to have lived? <http://www.sciencekids.co.nz/sciencefacts/scientists/leonardodavinci.html> Who is the best-known primatologist? <http://www.sciencekids.co.nz/sciencefacts/scientists/janegoodall.html> Who is the most famous scientist of modern times? <http://www.sciencekids.co.nz/sciencefacts/scientists/stephenhawking.html> Task 2 Using the information you researched, write a paragraph about your scientist that you can share with the class. Be sure your paragraph is organized and makes sense. Carefully edit your paragraph. Task 3 Using the website listed below, find the flag of the country your scientist is from. Draw the flag on a sheet of paper. Color the flag. You may NOT download the flag. Flags of the World Be sure you know where in the world the country is located. You will need to know for your presentation. If you are not sure, check out a world map and find the location of the country. http://bpujos.free.fr/Pages/Photos/Photos/Autres/world_map.GIF

Evaluation

Category and Score	Beginning 1	Developing 2	Very Good 3	Exemplary 4	Score
Scientist Information Sheet thoroughly completed using complete sentences.	Scientist Information Sheet is only partly filled out and complete sentences are not used on entire sheet.	All portions of Scientist Information Sheet are filled in, but information is basic and complete sentences were not used throughout.	Scientist Information Sheet is filled out with adequate information and complete sentences were used.	Scientist Information Sheet is filled out with excellent information and complete sentences were used. It is clear the student understood significance of scientist's work.	%30
Paragraph about scientist includes all required information, is well organized, and carefully edited.	Paragraph lacks essential information and has errors that affect understanding of content.	Paragraph lacks one required fact about scientist and contains some errors.	Paragraph contains all required information, is well organized, and contains few errors.	Paragraph includes all required facts and more, is exceptionally organized, and contains no significant errors.	%30
Flag card is neatly and correctly created and all directions were followed.	Flag card lacks neatness and all directions were not followed.	Flag card lacks neatness, but contains all required components.	Flag card is neat and all directions were followed.	Flag card shows exceptional effort and all directions were followed.	%15
All required information is presented to class, and student participates in classroom discussion.	Student shares paragraph with class, but is unable to locate scientist's country on map. Student does not participate in discussion.	Student shares paragraph with class and locates scientist's country on map. Student does not participate in discussion.	Student shares paragraph with class and locates scientist's country on map. Student participates in discussion.	Student shares paragraph with class and locates scientist's country on map. Student makes significant contributions to class discussion.	%25
				Total Score	%100

Conclusion

Consider the following questions as you listen to your classmates present. Be prepared to share your ideas in our class discussion. Where do scientists live? Do you think scientists live in places we did not mark on our map? How do you know that? Did all the scientists we researched live at the same time? Do you think scientists have been influenced by the work of other scientists who lived in different centuries? Why do you think that? For fun information and science activities, check out the following websites. <http://www.sciencenewsforkids.org>/<http://nasascience.nasa.gov/kids><http://kids.nationalgeographic.com/>

Teacher Page

Describe how people all over the world have taken part in scientific investigation for many centuries. Proofread one's own writing, as well as that of others, using an editing checklist or set of rules, with specific examples of corrections of frequent errors.

Standards

Credits

Other