

How Has Our Story Changed... in Space?

Sky Science Project

It is time for you to spend time learning about what interests you!

1. Brainstorming Topics

On a separate piece of paper or on inspiration list the things you find to be most interesting about the Sky Science Unit, or maybe what you are interested in, have heard of, or are concerned about!

How can we incorporate our Inquiry question with the project you are interested in?

Some ideas for your Sky Science Research Project could include:

- **The Sun,**
- **Stars**
- **Moons**
- **Planets**
- **Technology**
- **Space Travel**
- **Astronauts**
- **Missions to Outer Space**
- **other topics?** _____

You may choose to identify your own topic by using the Internet or Books, the topic must relate to Sky Science!

The project will require you to demonstrate an understanding of your topic, its importance and or significance, and why it is interesting to you.

2. Make sure you have enough information to research

Now you should spend some time making sure that you are able to find information about the topic you are interested in. Now that you have located some information you can confidently decide on your topic!

The topic I have selected is: _____

3. Developing Questions

On another piece of paper or in inspiration,

- List as many questions as you can which will help you research your topic.
- Categorize these questions (similar ones should go together)
- You should have about 5-8 main categories
- Now you are ready to decide on your research questions!
- Pick 5 - 6 "Juicy" questions/categories. You should not have questions that can be answered yes or no, or with one word.
- Each category should have 5-8 questions that you can research and find answers (not one word answers or yes/no answers)

In keeping with our Inquiry question, think about how space, technology, planets, systems, etc. has changed over time!!!

Write out your questions/categories below please!

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

5. Start the Research

Get your teacher to check your questions and set up your pages for note taking. Once you get the okay you are able to get started. Don't forget that the encyclopedia, current edition, is also a great resource in the library! As well, be sure to check the websites for .edu, or .org, or .gov to make sure they are legitimate websites. You need to take good notes in the format that has been shown to you!

6. Choose your presentation Style

When you are finished your research you will need to decide how your information can best be shared with other students! The possibilities are endless; the sky is the LIMIT!! We will discuss some of the styles in class.

7. Where did you find your information? - Sources

Lastly, you must be sure to record where you found information. This should include books, the encyclopedia and websites! This will be checked daily!

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____

Research due date:

Science Fair Date:

Parent Signature:

Categories	PHD in Astronomy	Masters in Astronomy	Bachelors in Astronomy	Still in University	Drop out!!
Uniqueness X1	- Extremely challenging and interesting topic - Title is very unique	- Very challenging and interesting topic - Title is fairly unique	- challenging and interesting topic - Title is unique	- very simple topic -title is weak	- did not complete the work in this area
Presentation Medium X2	- the viewer loves and is extremely impressed with the way the presentation was put together - used 2 or more types of media	- the viewer really enjoyed and was impressed with the way the presentation was put together - used 2 or more types of media	- the viewer enjoyed the presentation - used 1 or more types of media	- the viewers attention was not held - bored the viewer - used only 1 type of media	- did not complete the work in this area
Visual Quality X2	- the project was extremely neat and organized - had many different visual displays to demonstrate understanding	- the project was neat and organized - had different visual displays to demonstrate most of their understanding	- the project was somewhat neat and organized - had some visual displays to demonstrate some understanding	- the project was not neat and organized - had very few visual displays to demonstrate understanding	- did not complete the work in this area
Depth of Information X3	- presentation has great depth to it - extremely detailed and descriptive	- presentation has a lot of depth to it - very detailed and descriptive	- presentation has some depth to it - detailed and descriptive	- presentation has limited depth to it - lacking detail and description	- did not complete the work in this area
Background Knowledge X2	Presenters are very easily able to answer all reasonable questions and verbalize understanding beyond what is being presented	Presenters are easily able to answer almost all reasonable questions and verbalize understanding beyond what is being presented	-Presenters are able to answer some questions and verbalize understanding beyond what is being presented	-Presenters have difficulty answering questions - they are not able to verbalize understanding very clearly	- did not complete the work in this area
Research Notes X2	- jot notes go into considerable depth of research - organization of notes makes information extremely easy to access.	- jot notes go into depth of research - organization of notes makes information very easy to access.	- jot notes go into some depth of research - organization of notes makes information to somewhat easy to access.	- jot notes do not go into any depth of research - organization of notes makes finding information very difficult to access.	- did not complete the work in this area
References X1	- all sources are referenced - 5 or more sources have been referenced	- all sources are referenced - 4 sources have been referenced	- all sources are referenced - 3 sources have been referenced	- all sources are referenced - 2 sources have been referenced	- no sources have been referenced
Comments					