**Student Signature that they read this packet: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Parent Signature that they read this packet: (DUE Week of 12/17-21)**

**Google Slides Solar System Project**

Now that we are experts in using Google Docs, our next step is to learn how to present our information clearly, using Google Slides. Over the next 4-6 weeks, we will be learning how to use the tools in Google Slides to make an informative slide show presentation about a topic of your choosing. The slides will have specific requirements to prove that you know how to use the program. In addition, these presentations will be shared with your teacher, who may choose to have you present later in the year.

**Questions To Choose From:**

1. What is the difference between Solar and Lunar Eclipses?
2. What causes the seasons?
3. What causes days and night?
4. What causes the different phases of the moon?
5. What is a solar eclipse and how is it different than a lunar eclipse?
6. What are tides and how is the moon connected to them?
7. How are stars created?  Describe their life cycle.
8. What are meteors, meteorites, and asteroids? Where are they found?
9. **Challenge**: What is the aurora borealis and how does it happen?

**Possible Resources:** These websites are also listed on the 7th Grade website at: <http://www.holycrosspdx.org/school/seventh-grade.htm>

1. <https://solarsystem.nasa.gov/kids/index.cfm>
2. <https://spaceplace.nasa.gov/seasons/en/>
3. <http://discoverykids.com/category/earth/>
4. <https://www.dkfindout.com/us/space/solar-system/day-and-night/>
5. <https://science.howstuffworks.com/environmental/earth/geophysics/earth2.htm>
6. <http://www.ducksters.com/science/phases_of_the_moon.php>
7. <http://www.kidsastronomy.com/astroskymap/lunar.htm>
8. <http://www.planetsforkids.org/moon-moon.html>
9. <http://www.ducksters.com/science/physics/lunar_and_solar_eclipses.php>
10. <https://spaceplace.nasa.gov/eclipses/en/>
11. <https://opb.pbslearningmedia.org/resource/ess05.sci.ess.eiu.eclipse/solar-eclipses/#.WgE_pLa-LR0>
12. <http://www.ducksters.com/science/star.php>
13. <https://www.esa.int/esaKIDSen/SEMY06WJD1E_OurUniverse_0.html>
14. <http://www.cosmos4kids.com/files/stars_develop.html>
15. <https://www.khanacademy.org/partner-content/big-history-project/stars-and-elements/how-were-stars-formed/v/bhp-how-were-stars-formed>

**Work Calendar**

**Week of December 10th – 14th**: Introduction to Google Slides and Solar System Project

**Week of December 17 – 21st**: Choosing topics and research in class your answers. While researching, students will write down the sources that they used on the space provided on this paper. **DUE: Parent signature.**

**Week of January 7th – 11th:** Review project. Continue working on our research organizer. **HW:** **Finish your research organizer.**

**Week of January 14th – 18th**: Students will make at least the first three slides. They will also see an example of a poorly made slide show and a quality one. **HW: Finish first 3 slides.** **DUE: Research organizer**

**Week of January 21st – 25th:** Students will finish the last 3 slides. **HW: Finish last three slides.**

**Week of January 29th – February 1st**: Catch-up day for all students. **Assignments are due by the end of class.**

**Research Organizer**

**(Due week of January 14th – 18th)**

**Research Question**:

**What I found**: Write down information that is relevant to your question on the lines provided. Like your slides, only use phrases, not complete sentences. This will help prevent plagiarism!



**Definitions:** Identify two science-specific words that are essential for understanding your research question. For example: *eclipse, solar radiation, axis, gravitational pull,* etc. Write down a definition for each in your own words below:

* 1. :
  2. :

**Resources I used: You must use at least three websites to answer your question or 2 websites and a book.**



**Answer to my question (1-2 full paragraphs in my own words):**

**Tech Requirements Rubric: 1 point each unless indicated otherwise.**

\_\_\_\_\_\_\_\_/40 Points

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Title Slide** | Title of presentation is clear. | | Presenter’s name is easily seen | | | A picture is included that relates to your topic | | No spelling or grammatical errors are present | | Font is at least size 20 and easily able to be read by audience. | | | Background or theme is present, but not distracting. | |
| **Content Slide #1: Introduce Topic and Question** | What topic did you choose? | Why did you choose this topic? | | | 1 picture is inserted that relates to your topic. | | No spelling or grammatical errors are present | | Background or theme is present, but not distracting. | | Bullet points show information in phrases, not sentences | | | Font is at least size 20 and easily able to be read by audience. |
| **Content Slide #2: Definitions** | Slide explains at least two definitions that are important to answering your question. | | 1 Picture is inserted that relates to the words you are defining. | | | Each definition should be in a different color. | | No spelling or grammatical errors are present | | Background or theme is present, but not distracting. | | | Font is at least size 20 and easily able to be read by audience. | |
| **Content Slide #3:** | Slide explains your answer. What did you learn? | 1 Picture is inserted that helps answer the question. | | | Information on the slide is related and clear. | | No spelling or grammatical errors are present | | Background or theme is present, but not distracting. | | Bullet points show information in phrases, not sentences | | | Font is at least size 20 and easily able to be read by audience. |
| **Content Slide #4:** | Slide explains your topic. What did you learn? | 1 Picture is inserted that helps answer the question. | | | Information on the slide is related and clear. | | No spelling or grammatical errors are present | | Background or theme is present, but not distracting. | | Bullet points show information in phrases, not sentences | | | Font is at least size 20 and easily able to be read by audience. |
| **Bibliography** | All sources that were used on this project are provided. Minimum: 3 **(REQUIRED)** | | | Includes specific websites accesses for research. | | | | Font is easily able to be read by the audience. | | | | Sources are listed in a numbered list. | | |
| **Conclusion** | Thank the audience for viewing your presentation. | | | Offer to answer any questions they may have. | | | | Picture is included that relates to the topic | | | | Font is easily able to be read by the audience. | | |

**Extra Credit:** Extra credit is given on a case by case basis for all students who complete and document in their slide show an experiment that they performed at home that is directly related to the topic you chose to study: \_\_\_\_\_\_\_\_\_ **points earned**