**Science Remote Learning Lesson 1**

**Asking Questions**

**To help you in this lesson, please view the accompanying Google Slides for more information** [**https://docs.google.com/presentation/d/1TDzx3o95P-tJ6X\_pz3UXj5Y7xQ8gthho0yLYnozzIuo/edit#slide=id.p**](https://docs.google.com/presentation/d/1TDzx3o95P-tJ6X_pz3UXj5Y7xQ8gthho0yLYnozzIuo/edit#slide=id.p)

All around us there are phenomena happening daily that we may not understand. Some examples are included in the Google Slide.

1) Choose **three** of these natural events and problems that you think are most interesting:

* What questions do you have about each of them?
* If people had the answers to these questions, how could it be useful or helpful to them?

|  |  |  |
| --- | --- | --- |
|  | **Question about this natural event or problem:** | **How this answer could be useful or helpful to people:** |
| 1 |  |  |
| 2 |  |  |
| 3 |  |  |

2) There are different ways that people can find out answers to questions. Science is one way of discovering the truth about the world. What do you think it means to use science to answer a question?

**Continue to the Google Slides to read some information about scientists from different time periods.**

3). List 3 things these scientists have in common, but also list three differences.

|  |  |
| --- | --- |
| **Common** | **Differences** |
|  |  |

**4) Based on what you learned from these scientists, what does it mean to use science to answer a question?**

**Now that you’ve had the chance to develop your own ideas about what science is and how it is used to answer a question, take some time to compare your answer to the information found in the article below:**

[The real process of science](https://undsci.berkeley.edu/article/0_0_0/howscienceworks_02)

**5) What information did you gather from the article about “the process of science?”**

**6) Based on the article and examples you’ve looked through, what is your definition of “Science?” Be sure to include the role that “questions” have in your definition.**

**7) Read the following definition of science: *A way of knowing based on asking questions that can be answered using evidence from investigations.***

**Is there anything you would change about your own definition?**

**Science is all about curiosity and questions. Everyone has questions about why things are the way they are, or about what causes another event to happen.**

**8) What two questions have you had, or could you come up with, about the natural or human world, put them in the table below?**

|  |  |
| --- | --- |
| **Natural Events or Problems that have puzzled me** | **Questions I have about these events** |
| 1.  2. | 1.  2. |

**Choose one of the questions that you wrote in the box above, that you are most interested in.**

**9) What do you already know about this event or problem?**

**10) What do you find most mysterious or confusing about this event or problem?**

**11) What would be the most interesting thing to learn about regarding this event or problem?**