Asking Scientific Questions for a Long Term Project

Student Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Period: \_\_\_\_\_\_\_\_\_\_\_\_

Question to investigate: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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Criteria

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| **Sustainable** |  | **Student Answer** |  |
|  | Will the question keep your interest for a long period of time? |  Yes   No | Move to next questionRevise question |
|  **\*\*** | Will the topic improve understanding of something that is currently relevant in society? |  Yes No | Move to next questionRevise question to make culturally relevant |
| **Clear** | Is the purpose of your topic clearly identified? |  Yes   No | Move on to next questionRevise question to clearly identify topic |
|  | Is the potential impact of your project clearly identified? \*\* (is question supporting above question) |  Yes   No | Move on to next questionRevise question to clearly identify topic |
| **Quantifiable** | Will the topic provide you with data to support a conclusion or new/improved innovation or idea? |  Yes   No | Move on to next questionRevise question, consider quantifiable data  |
|  | Will your data allow you to draw generalizations that can potentially impact a larger population of people?\*\* (is question creating a measurable impact on question above) |  Yes   No | Move on to next questionRevise question, consider quantifiable (measurable data) |
| **Safe** | Will the topic allow you to safely carry out an investigation? |  Yes   No | Congratulations, you have chosen a good question. Continue with research.Revise question to be safe to conduct |