Science 10 – Inquiry Project Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ BLK:\_\_\_

 **How do chemical processes — personal, local, or global — affect your life?**

Step 1:

Your inquiry question is…

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|  |

Why did you select this question?

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|  |

**Teacher’s approval required:**

Provide definitions of the key words in your question and/or key background information.

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|  |

Step 2: Take Notes

You are expected to use more than one source to develop a balanced response to your question. (Use sample note sheet below or download one from the library blog)

|  |  |
| --- | --- |
| Source # | Information gathered from this source. For example, notes, comments follow-up questions. \*\*\*\*Please make sure to hand-in your research notes\*\*\*\* |
| 1 |  |
| 2 |  |
| 3 |  |

Step 3: Create your bibliography using Sitefast or EasyBib and submit it as a Word document.

Step 4: **The QUESTION:**

**CLAIM:** *Answer the above question.*

**EVIDENCE:** *Support the claim with accurate, sufficient, and appropriate evidence from your research. What is your strongest evidence and why? What is your weakest evidence and why? Reflect on what next thing you would like to know about.*

Works Cited: (minimum 3 sources cited and referenced)

Inquiry Question:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | 4 | 3 | 2 |  1 |
| Difficulty ofContent | exceeds gradeappropriate knowledge requirement | meets gradeappropriate knowledge requirement | approaches gradeappropriate knowledge requirement | does not meet gradeappropriate knowledge requirement |
| Specificity | specific and wellrefined | could be morespecific, worded better or more refined | is not specific enough | general question istoo broad |
| Synthesis | requires studentsynthesis of evidence from many complexsub-questions and pieces of evidence | requires studentsynthesis of answers to several sub-questions and pieces of evidence | requires studentunderstanding of several pieces ofevidence that have already been synthesized | only one piece ofevidence is required to answer thisquestion |

Evidence Based Explanation:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | 4 | 3 | 2 | 1 |
| Claim | states a clearconclusion based upon linkedevidence and sound thinking | states a conclusionbased upon linked evidence | conclusion is notclearly stated | conclusion is notstated |
| Command ofEvidence | all parts of the claimare supported by specific cited evidence that is explained thoroughly | most parts of theclaim are supported by specific cited evidence that is explained well | several parts of theclaim are not supported by specific cited evidence that is explained | important parts ofthe claim are not supported by evidence |
| Coherence and Organization | groups and presents supporting evidence in a clear organized manner so that others understand and can follow | presents supporting evidence in a clear organized format so that others understand | presentation of supporting evidence is not well organized but others are still able understand and can follow | presentation of supporting evidence is not well organized and others are unable understand or follow |