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 of  Content | exceeds grade  appropriate knowledge requirement | meets grade  appropriate knowledge requirement | approaches grade  appropriate knowledge requirement | does not meet grade  appropriate knowledge requirement |
| Specificity | specific and well  refined | could be more  specific, worded better or more refined | is not specific enough | general question is  too broad |
| Synthesis | requires student  synthesis of evidence from many complex  sub-questions and pieces of evidence | requires student  synthesis of answers to several sub-  questions and pieces of evidence | requires student  understanding of several pieces of  evidence that have already been synthesized | only one piece of  evidence is required to answer this  question |

Evidence Based Explanation:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | 4 | 3 | 2 | 1 |
| Claim | states a clear  conclusion based upon linked  evidence and sound thinking | states a conclusion  based upon linked evidence | conclusion is not  clearly stated | conclusion is not  stated |
| Command of  Evidence | all parts of the claim  are supported by specific cited evidence that is explained thoroughly | most parts of the  claim are supported by specific cited evidence that is explained well | several parts of the  claim are not supported by specific cited evidence that is explained | important parts of  the 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 |