**Harrison High School STEM**

**Class of 2025**

**Literature Review Worksheet**

**Directions**: Freshmen students in the STEM program will compile a list of resources and complete this literature review worksheet to assist their science fair research design.

1. Type directly into this document.
2. Save your document as follows: **ScienceFair21-22\_LitReview\_FirstInitial\_LastName**

(for example: ScienceFair21-22\_LitReview\_J\_Motsinger).

1. Upload your literature review worksheet to TurnItIn.com under the assignment titled “STEM Literature Review.” **The deadline to submit is Thursday, September 23, 2021 by Hoya Block.**

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| --- |
| **Introduction:** What is the topic of my literature review? |
| ***Example:*** Desalination of oceans  |
| **Type your topic here:** |

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| **Topic sentence:** What is a basic explanation of your topic? |
| ***Example:*** Desalination is the process that converts saltwater into water that can used for drinking, agriculture, or industrial uses. |
| **Type your topic sentence here:**  |

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| **My (minimum) three sources** (works to be read, analyzed and cited using [APA](https://owl.purdue.edu/owl/research_and_citation/apa_style/apa_formatting_and_style_guide/general_format.html)): |
| ***Example:*** Lattemann, S., & Höpner, T. (2008). Environmental impact and impact assessment of seawater desalination. *Desalination*, *220*(1-3), 1-15. doi:10.1016/j.desal.2007.03.009 |
| 1.  |
| 2.  |
| 3.  |

|  |
| --- |
| **Body:** What are the main points/arguments of my sources? How are these points supported? |
| ***Example:*** Source 1: Lattemann and Hopner argue that desalination discharges concentrate and chemical discharges to the marine environment, emit pollutants, and requires a high energy demand to process. |
| ***Example:*** Source 2: Bremere states desalination expansion is required to meet the population growth and the groundwater scarcity in the coming 25 years in various regions of the world. |
| **Source 1**  |
| a.  |
| b.  |
| c.  |
|   |
| **Source 2**  |
| a.  |
| b.  |
| c.  |
|   |
| **Source 3**  |
| a.  |
| b. |
| c.  |

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| --- |
| **Body:** Similarities in (comparing) two or more of the articles. This should be at least one paragraph. |
| ***Example:*** Lattemann and Bremeer both recognize that the process of desalination will continue to grow and expand throughout the world… |
| **Type your first body paragraph here:**  |

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| **Body:** Differences in (contrasting) in two or more of the articles. This should be at least one paragraph. |
| ***Example:*** Lattemann and Bremeer disagree on the extent that desalination harms the environment..***.***  |
| **Type your second body paragraph here:**  |

|  |
| --- |
| **Conclusion Paragraph:** Summarizing |
| ***Example:*** This literature review was conducted to analyze opposing perspectives on the effects of desalination on the environment versus the human demand for fresh water... |
| **Type your conclusion paragraph here:**  |

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| --- |
| **Why is the topic of this literature review important and/or what should be the next step of this study?**  |
| ***Example:*** Further research is needed to examine recent statistics on gun control, gun ownership and gun deaths in other countries compared with that in the United States.  |
| **Type your response here:**  |

**For additional help:**

* Make an appointment with Mrs. Motsinger using Remind or email: Jordan.motsinger@cobbk12.org.
* Refer to [www.citefast.com](http://www.citefast.com) or [Purdue OWL](https://owl.purdue.edu/owl/research_and_citation/apa_style/apa_formatting_and_style_guide/general_format.html) for help with APA formatting. (Remember the hanging paragraph does not copy, so you will have to edit that!)