Science Fair Project – Graphic Organizer

NAME: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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| **Opening Paragraph -** | * State your purpose |
| * State your scientifically testable question |
| * State your hypothesis |
| **2nd Paragraph –**  **Explain the science behind your experiment and how it relates to your hypothesis:** biology, chemistry, physics, technology/engendering  **Use specific scientific vocabulary to explain the anticipated result of your experiment.**  Force, thrust, lift, air resistance , gravity, friction, aerodynamics, mold, decomposition, surface tension, solvent, photosynthesis, chlorophyll, solution, random process, probability, Bernoulli trial, structure, design |  |
| **3rd Paragraph –**  **If applicable, provide a brief history of any product(s) “OR” define any scientific material(s) used in your experiment:**  Paper airplanes have been around…  Ziploc bags were invented by…  Acids can be defined as….  Caffeine is considered a… |  |
| **4th Paragraph -**  Based on your research, explain **WHY** you think your hypothesis is correct. |  |
| **5th Paragraph -**  Why is your experiment relevant or important to your life? |  |

**Bibliography**

**You must document all resources using the MLA format: (try easybib.com for more help)**

* ABC Order
* Hanging Indentation:

All MLA citations should use **hanging indents**, that is, the first line of an entry should be flush left, and the second and subsequent lines should be indented 1/2".

* **Books:**

Author's last name, first name. *Book title*. City of publication: Publishing Company, publication date.

**Example of Book:**

Boorstin, Daniel J. *The Creators: A History of the Heroes of the Imagination*.

New York: Random, 1992.

* **Internet:**

Author's last name, first name (if available). "Title of work within a project or database." *Title of site, project, or database*. Editor (if available). Electronic publication information (Date of publication or of the latest update, and name of any sponsoring institution or organization). Date of access and <full URL>.

**Example of Internet:**

Brain, Marshall. "How Batteries Work." *howstuffworks*. 1 Aug. 2006  
       <http://home.howstuffworks.com/battery.htm>.

* **Encyclopedia:**  
  Author's last name, first name. "Title of Article." *Title of Encyclopedia*. Date.

**Example of Encyclopedia**

Tobias, Richard. "Thurber, James." *Encyclopedia Americana*.

1991 ed.

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| Source | Bibliography Information: |
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