**Going Viral**

**PROJECT DUE DATE: \_\_\_November 24, 2015\_\_\_\_\_\_\_\_\_MY VIRUS: *\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_***

**Background:** In order to develop an understanding of a variety of viruses and evaluate their impacts on various organisms, you are going to become an expert on a single virus.

**Procedure:**

1. Students will become an expert on a virus they randomly select in class.
2. Students will produce a **8 ½” x 11” poster** about their virus. The contains the following information:
	1. *Name of the virus*
	2. *Structure of the virus*
	3. *Target organism (does not have to be a human virus)*
	4. *Mode of infection*
	5. *Symptoms of the virus*
	6. *Nature of the lytic/lysogenic cycle*
	7. *Precautions to prevent infection*
	8. *Actions taken when there is an outbreak.*
3. Students will write a **1 page (double spaced) paper** answering the following questions:
	1. How has your virus impacted the organisms it infects?
	2. How has the pharmaceutical industry reacted (or not reacted) to the virus or to changes in the virus?
4. Students will submit their **notes** from research, and a **bibliography** in MLA format (use easybib.com )

**Keep track of websites visited here:**

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| --- | --- | --- | --- | --- | --- | --- |
| Author Last Name | Author First Name | Title of Site | Date of last revision | Name of organization | Date of Access | <URL> |
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**Keep track of print resources used here:**

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| --- | --- | --- | --- | --- | --- |
| Author Last Name | Author First Name | Title of Book | City Published | Publisher | Copyright Date |
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**If you used an encyclopedia, enter the information here:**

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| --- | --- | --- | --- | --- | --- | --- |
| Author Last Name | Author First Name | Title of Article | Title of Encyclopedia | City Published  | Publisher | Date of edition |
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**Rubric Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Virus\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

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|  | **5** | **4** | **3** | **2** | **1** | **0** |
| **Structure of Virus** | All relevant information present and clear, in student’s words  |  | Some information missing |  | Only mentioned | No information present |
| **Target Organism** | All relevant information present and clear, in student’s words  |  | Some information missing |  | Only mentioned | No information present |
| **Mode of Infection** | All relevant information present and clear, in student’s words  |  | Some information missing |  | Only mentioned | No information present |
| **Symptoms** | All relevant information present and clear, in student’s words  |  | Some information missing |  | Only mentioned | No information present |
| **Lytic/Lyso-genic cycle** | All relevant information present and clear, in student’s words  |  | Some information missing |  | Only mentioned | No information present |
| **Infection Precaution/Outbreak Actions** | All relevant information present and clear, in student’s words  |  | Some information missing |  | Only mentioned | No information present |
| **IMPACT** | Project thoroughly explains the impact of the virus on an aspect of life/the environment/the economy. . . something |  | Project explains the virus’ impact but is not specific |  | Only mentioned | No information present |
| **IMPACT** | **This category is worth twice as many points** |  | **This category is worth twice as many points** |  | **This category is worth twice as many points** | **This category is worth twice as many points** |
| **Creativity** | Went above and beyond the assignment |  | Student meets all requirements of the assignment |  | Might as well have assigned a paper | No creativity |
| **Spelling and Grammar** | Flawless |  | 2-3 mistakes |  | 6-7 mistakes | 8+ errors |
| **Works Cited**  | All resources used are cited including images |  | Image citations not included |  |  | No Works Cited |
| **MLA Format** | Proper MLA format for all. |  | 1-3 MLA mistake |  | So many MLA mistake | No MLA formatting |