**Microorganism Disease Project**

Objective: The student will be able to research a disease- causing microorganism and the illness associated with the microorganism.

Directions: Pretend that a sudden outbreak from a disease has spread throughout your town. As a leading scientist in your community, you need to educate the members of your community to prevent further spread of the disease. Use the information learned from the unit on microorganisms (bacteria, protists, or fungi) as a starting point to begin your research. As a scientist, you may choose to inform the community through one of the following ways: power point presentation, commercial, pamphlet, or other available media in the library. The information to be included in your project is listed below.

1. **Name of Microorganism/Disease:** What is the name of the disease caused from the microorganism? What type of microorganism causes the disease? What is the scientific name? Give a brief explanation/definition of the disease.
2. **Symptoms:** What might a person experience with this disease? Name the symptoms that a person may experience with the disease.
3. **Diagnosis:** What are the current methods available for diagnosing the disease?
4. **Prevention:** How can a person protect himself/herself from getting the disease? Where is the microorganism found? How can the illness be spread?
5. **Possible Treatments:** What treatments are currently available to help alleviate the symptoms or cure the disease? Are there any new treatments currently being tested? Describe any new treatments currently being tested.
6. **References:** List at least 2 sources that were used to do your research. You may use the sheet provided to help include all the necessary information for your sources.
7. **Presentation:** Create an appealing presentation to share your information including pictures and graphics. Be able to share your information with the class.

**Grading**

**Name /Definition 1 2 3**

**Symptoms 1 2 3**

**Diagnosis 1 2 3**

**Prevention 1 2 3**

**Treatments 1 2 3**

**References 1 2**

**Presentation 1 2 3 4 5**

**Grammar/Effort 1 2 3**

**Total Points /25**