Bacterial/Viral/Protist Disease
Cereal Box Project

Student Name: _____   Due Date: _____

In this project, you will use a cereal box to present specific information about a disease that is caused by a bacterium, a virus or a protist.

- **Your project <u>must</u> be presented on the outer surfaces of an ordinary cereal box. It should be professional presented and eye-catching as the intention is to sell the product.**
- **<u>FRONT OF BOX</u> - Your project <u>must</u> contain the following information on the front of the cereal box:**

  1. Common name of disease, presented in a catchy cereal slogan (i.e. "Shredded Swine Flu").
  2. A picture (hand drawn) of the pathogen that causes the disease.
  3. Bacteria, Virus or Protist printed in LARGE type in the bottom left corner.
  4. Your name printed in the bottom right corner.

- **<u>SIDE A OF BOX</u> - You must answer the following questions and include on one side of your cereal box:**
  1. Scientific name of the pathogen that causes the disease (Remember format!)
  2. When and how the disease was first documented
  3. Name of the scientist(s) who discovered the pathogen that causes the disease.
  4. Method of transmitting the disease
  5. Prevention (Common sense and medical means)
  6. Demographic it affects (old? young? men? women? area of the world? all equally?)
  7. Symptoms of the disease
  8. Treatment of the disease (Common sense and medical means)
  9. Statistics (i.e. Number of people affected by the disease, mortality (death) rate, etc.)
  10. Long term effects/Complications (paralysis? amputation? heart damage? etc.)

  **Although these answers do not need to be long, they should be specific/detailed.

- **<u>SIDE B OF BOX</u>** – You must include 5 "Fun Facts" about your disease. Examples of "Fun Facts" may include the names and pictures of celebrities stricken by the disease or historical facts about the disease.

- **<u>BACK OF BOX</u>** – You must create a cereal box puzzle using information about your disease. You may create (but are not limited to) a crossword puzzle, word scramble, maze or word search. You may create your puzzle on your own or utilize online puzzle makers to help you with this portion of the project. Suggested sites include:
  1. http://puzzlemaker.discoveryeducation.com/
  2. http://www.puzzle-maker.com/
  3. http://www.edhelper.com/puzzles.htm

- In addition, in the box, proper citations should be included. Remember you can use MyBib. A minimum of 3 sources should be referenced.

	1	2	3	4	5
Side A of Box - Research (x2)	More than 6 research questions have been missed or answered incorrectly.	5-6 research questions have been missed or answered incorrectly.	3-4 research questions have been missed or answered incorrectly.	Only 1-2 research questions have been missed or answered incorrectly.	All research questions have been answered and are correct.
Depth of Research	All questions are answered very simply. There is little detail, information is not specific, and effort is lacking.	Few research questions have been thoughtfully answered. Most questions lack detail and specificity.	Some research questions have been thoughtfully answered with detail and specificity.	Most research questions have been thoughtfully answered with detail and specificity.	All research questions have been thoughtfully answered. They are detailed and specific.
Front of Box – Basic Identification	More than one error has been made in presenting the common name or picture or type of organism	An error has been made in presenting the common name or picture or type of organism.	Common name, picture, and type of organism is correct.		
Side B of Box – Additional research	Only 1-2 correctly identified fun facts are given.	3 correctly identified fun facts are given.	4 correctly identified fun facts are given.	5 correctly identified fun facts are given.	
Back of Box -	Simply puzzle lacking any applicability is included.	Puzzle is lacking either creativity/ Thoughtfulness or applicability.	Puzzle is creative/ thoughtful and is applicable to the disease.		
Communication: • Organization • Appearance • Spelling/Grammar	The project is poorly organized, difficult to follow, and appears to have little/no effort towards a professional appearance. Significant grammatical or spelling errors.	The project is well organized, easy to follow, and neatly presented. There are a few grammatical or spelling errors	The project is exceptionally well organized, easy to follow, and very professionally presented. There are minimal grammatical or spelling errors.		
Sources	3 or more sources are listed but not correctly cited. Or only 2 properly cited sources.	3 or more sources are listed and correctly cited.			
Gallery Walk	Many questions are incompletely answered. Questions that are answered lack depth of thought and/or supportive details.	Few questions are incompletely answered. Questions that are answered lack depth of thought and/or supportive details.	Questions are all answered correctly but lack depth of thought and/or supportive details.	Questions are all answered correctly, thoughtfully, and completely. Supportive details are provided.	