**Ch. 24 Digestive Disorders Project**

Your task will be to produce a Google Site on one human digestive disorder or disease. The Google Site will need to include all the elements listed on the project rubric that will be provided.

1. Pick Disorder/Disease
2. Research Disorder/Disease (minimum 2 sources)
3. Write/collect/highlight research that you will use on your Google Site.
4. Create a Google Site using the requirements and rubric listed below. Sites are listed in the Apps icon on Google.
5. **Citations**
6. Works Cited
7. Share your Google Site with me: sean.fitzsimmons@ssccards.org

**Digestive System Disorder Requirements**

1. A short introduction to the digestive disorder which will include a short statement or description of the disease or disorder.
2. Either by sections or pages you must include the following:
	1. The nature of the disorder (what symptoms does the disorder produce, or what parts of the digestive system does the disorder attack).
	2. The cause of the disorder (prion, infection, genetics, viral, etc.)
	3. The prevalence of the disorder (How many people are affected by the disorder).
	4. The range of the disorder (How is this disorder distributed worldwide).
	5. The severity of the disorder (How "bad" is the disorder?  Is it fatal?  How many people who catch the disease actually die of this disease?)
	6. Any other interesting facts about the disorder.
3. The basic anatomy/physiology of the disorder including at least the following:
	1. Explain how the disorder affects/disrupts the normal physiology of the digestive system or any other systems involved.
	2. An illustration, animation or photograph of the disorder.
	3. An illustration, animation or photograph of the appearance of any diseased organ or body part
	4. If there are different classes of the disorder, you must include the various types
4. How the disorder is diagnosed and treated including:
	1. Typical symptoms
	2. Prevention of the disease
	3. Medical treatments including:
		1. Modern medicine or drug therapies
		2. Vaccines
		3. Cutting-edge research
		4. The course of the disease and its prognosis. (What is the typical fate of the individual who catches this disease?)
5. Fully annotated with the proper citations embedded in the presentation.
	1. For every fact, group of facts or illustrations that you find on the web, you must provide a proper citation with the web address of the site where you found that information.
6. Works Cited page.

**Digestive System Disorder Grading Rubric**

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| TASK | Missing  | Developing | Accomplished | Exemplary | Self score (out of a possible 45 pts) | Total Score from teacher (45 pts) |
| Research(5 pts) | The research completed shows minimal effort and is selected primarily from one source only.(0 pts) | The research done provides only a sketchy outline understanding of the human disease selected.(1 pts) | A few of the required elements were missing or incomplete, but the information was collected from a variety of sources information.(3 pts) | All the required elements as described above are present in the presentation and the information was collected from a variety of sources. (5 pts) | \_\_\_\_\_\_\_pt(s) | \_\_\_\_\_\_\_pt(s) |
| Notes written/highlighted for each source(10 pts) | Did not turn in notes.(0 pts) | Notes are unorganized, too few websites are reviewed or the notes are simply cut and pasted.(4 pts) | Notes are organized, but there are too few websites or the notes are simply cut and pasted.(7 pts) | Notes are organized, there are at least three different categories of websites and the notes are extensive and written by the student.(10 pts) | \_\_\_\_\_\_\_pt(s) |  \_\_\_\_\_\_\_pt(s) |
| Bibliography slide with proper citations(10 pts) | Did not turn in bibliography.(0 pts) | More than a few citations missing from presentation and/or bibliography.(4 pts) | A few citations are missing, but the bibliography is complete.(7 pts) | Every illustration and paragraph is properly cited and included in the bibliography.(10 pts) | \_\_\_\_\_\_\_pt(s) | \_\_\_\_\_\_\_pt(s) |
| Presentation(20 pts) | No presentation handed in.(0 pts.) | The published work is poor. The project excludes one or more of the essential components: illustrations, basic biology of the cause of the disease, the immune reaction, and the medical information on the disease, and modern treatments(12 pts.) | The published work is good. The project includes all the essential components: illustrations, basic biology of the cause of the disease, the immune reaction, and the medical information on the disease, and modern treatments.(16 pts.) | The published work is excellent. All the essential components of the project are present. The presentation is well organized and presented in a logical form.  The slides look professional and are not crowded with too much information.  The presenter is demonstrates that he /she is knowledgeable about the information that is in the presentation. (20 pts.) | \_\_\_\_\_\_\_pt(s) | \_\_\_\_\_\_\_pt(s) |
|  |  |  |  | TOTAL SCORE | \_\_\_\_/45pts |   \_\_\_\_ /45pts     |