

Human Physiology Summer Reading Assignment

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1. Identify a disease / disorder of the human body you find interesting. There are many lists on the internet. Two are identified below.

http://www.medicinenet.com/diseases_and_conditions/article.htm

<http://www.buzzle.com/articles/diseases-and-disorders/>

2. Decide how you will complete the assignment. Would you like to write a summary or complete a powerpoint?
3. Your research should include the following:
 - Name of the disease / disorder
 - Identify the cause – If an organism is involved, give its name (common name and scientific name) and identify the organism as bacterium, virus, parasite, fungus, etc.
 - Include a picture of the organism.
 - If an organism is not involved, give a brief explanation of the cause.
 - Symptoms – How do you know you have the disease?
 - How is the disease transmitted? (How do you get the disease?)
 - Diagram and / or explanation of the life cycle of the organism causing the disease.
 - Treatment / Cure – How is the disease / disorder prevented, treated, cured?
 - Historical information about the disease / disorder – When was it first identified? How often and when has it occurred in the past?
 - Statistics - How common is the disease / disorder? How many people are infected?
 - Role of the environment – What are we doing to the environment to increase the occurrence / transmission of the disease?
 - References – Cite all sources used
4. The powerpoint should include 10 to 15 slides and can be saved to a disc or a flash drive.
5. The written summary should be two pages typed, double spaced.