

Non-Infectious Diseases

Honoree: Dr. William H Carson

Grade Level: 12th

Subject: Anatomy and Physiology

Standard: The student will demonstrate an understanding of the functions and interconnections of the major human body systems, including the breakdown in structure or function that disease causes

Goal/Objective: The student will be able to explain the effects of disease on the major organs and body systems

Items/Materials Needed:

- AT&T African American History Calendar 2013
- Computers

Steps/ Strategies

1. The teacher will review the difference in infectious vs. noninfectious diseases.
2. The teacher will introduce and lead a discussion about Dr. William H. Carson. The teacher may choose to pull information or read from the calendar.
3. The teacher will then show the attached PowerPoint on schizophrenia. He/She will explain Dr. Carson's role in creating a drug to help with the disease. The teacher will also discuss the organ system that is related to this non-infectious disease.
4. The students will then choose a non-infectious disease and create a Prezi Presentation on the disease they have chosen.

Printable Worksheet Requirements for Power Point project (Attached)

Infectious/Non-infectious Disease Mini-Project

Objective: You and your group will research and present to the class your information on your “Disease of the Week”. Likewise, other groups will do the same. You will be responsible for knowing the highlights of the other groups’ information.

Directions: Your group will be given a disease to research. You have one day to conduct this research, one day to get ready for your presentation, and one day to present it. No more.

Here’s what you need to answer:

1. What is the name of your disease?
2. Is it infectious or non-infectious?
3. How do you contract this disease?
4. How many people contract it every year in the United States?
5. What are the symptoms of the disease?
6. At its worst, what does the disease do to your body?
7. What is the mortality rate of this disease? How many people die each year from it?
8. How can someone prevent this disease from occurring to them?
9. What is the treatment for your disease?
10. Any other tidbits that we need to know about?

Internet Sites:

- WebMD- <http://www.webmd.com/>
- Center for Disease Control- <http://www.cdc.gov/>
- World Book Encyclopedia Online- <http://www.worldbookonline.com/wb/Login?ed=wb>
Login: **hillsboro1** Password: **student**
- Medicinenet- <http://www.medicinenet.com/script/main/hp.asp>

Presentation:

Your group will give a five-minute presentation on your disease. Tell us what you know in a concise talk. Be orderly, be clear, and be informative. You will be graded accordingly:

1. Ideas and content- The idea is clear, focused, and appropriate to audience and purpose. Support is present although it may be limited or general.
2. Organization- The organization is easy to follow but many seem stilted, overly obvious, or not consistently effective.
3. Language- The language is original, functional, and appropriate to audience and purpose. The intended message is conveyed clearly, but word choice may be somewhat lacking in vividness, precision, or interest.
4. Delivery- The speaker demonstrates control of technique. Minor weaknesses, while perhaps noticeable, do not detract from the message and purpose.