

Level 6 Lesson Plan to share at Convocation (Freyja Helmer-Sindemark)

Health

Objectives: Use technology (laptops provided by the Mobile Lab) to research an illness of choice (students are encouraged to choose something they have experience with or something that they are interested in learning about); Ss must summarize the information about its symptoms, how it spreads, treatment and prevention (if that exists); finally, Ss must write a short, well-organized research paper and then present their information to the class.

- I. Choose a disease/illness to research from the attached list– **this counts as reading/writing for this week**
- II. **NO PLAGIARISM. USE YOUR OWN WORDS!!!!- All information in writing portfolio**
 - A. Find a trusted website to find information (CDC, WebMD)
 - B. Fill in the Brainstorming section of the Writing Portfolio (p. 7): Illness at center; Symptoms, Treatment, Prevention and Causes/how transmitted in the "Supporting Detail" sections. Add the details for each area based on research.
 - C. Fill in the information required for the Outline (p. 8 of Portfolio) by summarizing the information and writing good, full sentences (for II, III, IV - major symptoms and how it spreads, write down the treatment and length of illness, write down the prevention if there is one)
- III. Write a short research paper on p. 9 of the Portfolio by using the information in the Outline and adding good transition sentences.
- IV. Peer edit and discuss the papers
- V. Present your information to the class.

ELP Standards addressed here are: 2, 5, 7, 8, 9

Prior to this we have worked with summaries and short presentations, and introduced vocabulary based on the following in-class work: In groups brainstorm healthcare professionals:

- A. Then answer questions: If you have..., you should see (from p. 44, All Star 4) I added more (if you have kidney stones (urologist), torn muscles (physical therapist), allergies (allergist),
- B. What kind of doctors or other health care professionals have you seen?
- C. When was the last time you were at a doctor's office, urgent care, etc?
- D. How often do you go to the doctor? Do you get an eye exam annually? A skin cancer screening? Etc?

Presentations will require a large portion of the following class and there will be a quiz game in teams to check knowledge of the presented illnesses along with some other healthcare vocabulary. Additionally, students will need to correct and re-write their papers.

Illnesses to research:

Measles
Mumps
Meningitis
high blood pressure
high cholesterol
agoraphobia
schizophrenia
colitis
pneumonia
strep throat
AIDS
Tuberculosis
bronchitis
tonsillitis
appendicitis
stomach ulcer
psoriasis
shingles
smallpox
chicken pox
typhus
swine flu
Avian flu
Sars
Mersa
Zika
Glaucoma
Ebola
Cystic Fibrosis
Polycystic Ovary Syndrome

Rubella,
C. Auris (First detected in South Korea)
Hepatitis B (A, C)
Spina Bifida
diabetes
Hypothyroidism
depression
Acute flaccid myelitis (AFM)
Eastern equine encephalitis (EEE)