

Title: - Thanksgiving Health Fair

Content Area/Topic: -Global Health

Grade Level(s): 10 - 12

Objectives

1. Summarize specific medical disorders provided in class.
2. Describe the causes, symptoms and characteristics of having the medical disorders.
3. Analyze global statistical data on the medical disorders.
4. Describe, and compare, the various ways in which an individual could contract the disorders.
5. Analyze the various cures and treatments available to treat the medical disorders and their associated costs.
6. Describe prevention techniques for the medical disorders.
- 7.

Instruction: -Students are to familiarize themselves a specified medical disorder set provided in class. Groups will select from the disease sets provided (see below). Students, using primary resources, will research and fully investigate the medical disorder. Students are to create a science fair board display, for the three diseases/disorders and a power point that will be presented in class. Students should include the following information on the science fair board display and the power point presentation.

- The cause of the medical disorder.
- Symptoms of individuals having the medical disorder.
- Global, state, county and local statistical data relating to the disorder.
- Ways of contraction.
- Possible cures, treatments and **cost** of cures/treatments for the medical disorder.

Students should have one medical disorder on each section (left, center, right) of the display board. Students are to visit the appropriate link on the course website to determine how the power point should be set up.

Assessment: -Students will be assessed with a teacher developed rubric based on quality of research, collaboration and quality. Students MAY also be assessed by their peers, via a peer assessment rubric completed by the teacher, based on the quality of the presentation.

Disease Set #1

Heart Attack (non-communicable)

Tuberculosis (communicable)

Bacterial vaginosis (STI/communicable)

Disease Set # 2

Stroke (non-communicable)

Malaria (communicable)

Chlamydia (STI/communicable)

Disease Set #3

Coronary artery disease (non-communicable)

Influenza (communicable)

Cystitis (STI/communicable)

Disease Set #4

Peripheral artery disease (PAD) (non-communicable)

Measles (communicable)

Gonorrhoea (STI/communicable)

Disease Set #5

Congenital heart disease (non-communicable)

Cholera (communicable)

Hepatitis A (STI/communicable)

Disease Set #6

Deep vein thrombosis and pulmonary embolism (non-communicable)

Ebola (communicable)

Hepatitis C (STI/communicable)

Disease Set #7

Lung cancer (non-communicable)

Poliomyelitis (communicable)

Herpes (STI/communicable)

Disease Set #8

Liver cancer (non-communicable)

Hepatitis B (communicable)

HIV (STI/communicable)

Disease Set #9

Stomach cancer (non-communicable)

Dengue Fever (communicable)

Genital Warts (STI/communicable)

Disease Set #10

Colorectal cancer (non-communicable)

Brucellosis (communicable)

Lymphogranuloma (STI/communicable)

Disease Set #11

Prostate cancer (non-communicable)

Chagas Disease (communicable)

Molluscum Contagiosum (STI/communicable)

Disease Set #12

Breast cancer (non-communicable)

Rift Valley fever (communicable)

Non-gonococcal urethritis (STI/communicable)

Disease Set #13

Cervical cancer (non-communicable)

Hepatitis C (communicable)

Pelvic Inflammatory Disease (STI/communicable)

Disease Set #14

Chronic obstructive pulmonary disease (COPD) (non-communicable)

Meningitis (communicable)

Syphilis (STI/communicable)

Disease Set #15

Asthma (non-communicable)

Severe acute respiratory syndrome (communicable)

Trichomoniasis (STI/communicable)

Disease Set #16

Occupational lung diseases (black lung) (non-communicable)

Whooping cough (communicable)

Vaginitis (STI/communicable)

Disease Set #17

Cystic fibrosis (non-communicable)

Tetanus (communicable)

Scabies (STI/communicable)

Disease Set #18

Pulmonary hypertension (non-communicable)

Yellow fever (communicable)

Proctitis (STI related/symptom of communicable/non-communicable)

Disease Set #19

Type 1 diabetes (non-communicable)

Chikungunya (communicable)

Epididymitis (STI related/communicable)

Disease Set #20

Type 2 diabetes (non-communicable)

African Trypanosomiasis (communicable)

Zika (STI related/communicable)

Disease Set #21

Gestational diabetes (non-communicable)

Chicken pox (communicable)

Bacterial vaginosis (STI/communicable)

Disease Set #22

Alzheimer's disease (non-communicable)

Leptospirosis (communicable)

Chlamydia (STI/communicable)

Disease Set #23

Amyotrophic lateral sclerosis (ALS) (non-communicable)

Shigellosis (communicable)

Cystitis (STI/communicable)

Disease Set #24

Arthritis (non-communicable)

Filariasis (communicable)

Gonorrhea (STI/communicable)

Disease Set #25

Autism spectrum disorder (ASD) (non-communicable)

Lymphatic filariasis (communicable)

Hepatitis A (STI/communicable)

Disease Set #26

Birth defects (non-communicable)

Mumps (communicable)

Hepatitis C (STI/communicable)

Disease Set #27

Cerebral palsy (non-communicable)

Schistosomiasis (communicable)

Herpes (STI/communicable)

Disease Set #28

Chronic kidney disease (non-communicable)

Rubella (communicable)

HIV (STI/communicable)

Disease Set #29

Chronic pancreatitis (non-communicable)

Lyme disease (communicable)

Genital Warts (STI/communicable)

Disease Set #30

Hemophilia (non-communicable)

Creutzfeldt-Jakob Disease (communicable)

Lymphogranuloma (STI/communicable)