

Learning Activity Template

Title: Disease Prevention through Lifelong Wellness.

Curriculum: Science and/or Health

Grade-Level Span: 7-9

PURPOSE:

For students to understand how good choices related to wellness can help prevent a variety of diseases that may affect any body system.

DESCRIPTION:

Students will work in small groups to research assigned diseases and prevention of those diseases, and then each group will present their findings in a power point presentation.

ACTIVITIES	CURRICULUM STANDARDS	NETS PERFORMANCE INDICATORS
<p>Each group of 3 to 4 students will be assigned one of the following body systems: digestion, respiration, reproduction, circulation, excretion, movement, control or coordination.</p> <p>Then, using the internet, they will research information related to diseases that are related to their system, and how good diet and exercise may reduce the risk of these diseases.</p>	<p>The student will understand human body systems and their relationship to disease. (IV Life Science G)</p> <p>2. The student will identify risks associated with natural, chemical and biological hazards. (G 2)</p> <p>3. The student will describe the structure and function of systems for digestion, respiration, reproduction, circulation, excretion, movement, control and coordination and for protection from disease, in the human organism (G 3)</p>	<p>Students use technology to locate, evaluate, and collect information from a variety of sources (NETS #5)</p> <p>Exhibit legal and ethical behaviors when using information and technology (NETS #3 gr. 6-8)</p>
<p>Using technology such as a computer, scanner, digital video camera, digital camera, and audio/video equipment, students will present their information on Microsoft Power Point or comparable presentation software.</p>		<p>Students will use a variety of media and formats to communicate information and ideas effectively to multiple audiences (NETS #4)</p>

TOOLS AND RESOURCES:

<http://medlineplus.gov/>
<http://healthweb.org>
<http://www.intelihealth.com/IH/ih/IH/WSIHWOOD/408/408.html>
<http://dmoz.org/Health/>
<http://www.healthfinder.gov/library/>
<http://www.nih.gov/>
<http://webmd.com/>
<http://www.who.int/en/>
<http://www.cnn.com/HEALTH/>
<http://www.mayoclinic.com/index.cfm>
<http://www.cdc.gov/nchs/>
<http://www.os.dhhs.gov/>

Wellness related videos
Microsoft Power Point Program – VCR Presentation
Computer
Digital video camera
Digital scanner
Digital camera
Internet connection
LCD Projector for Class Presentations
Projector Screen
Microsoft Excel or Spreadsheet Program

ASSESSMENT:

D Grade

Information from the internet and other sources (optional) will be outlined and presented on poster board in a clear fashion, and it will include 1) the name and a short definition of the system, 2) one disease affecting that system, 3) the symptoms of that disease, and 4) information about prevention of that disease.

C Grade

Information from the internet and other sources (optional) will be clearly presented in an outline form on presentation software, and it will include 1) the name and a short definition of the system, 2) two diseases affecting that system, 3) the symptoms of those diseases, and 4) information about prevention of those diseases.

B Grade

Information from the internet and one other source (i.e. a video, an article) will be clearly presented using presentation software. The presentation will incorporate information in text and either 2 still pictures or a video clip. It will include 1) the name and a short definition of the system, 2) three diseases affecting that system, 3) the symptoms of those diseases, and 4) information about prevention of those diseases.

A Grade

Information from the internet and one other source (i.e. a video, an article) will be clearly presented using presentation software. The presentation will incorporate information in text, 2 still pictures, and a video clip. It will include 1) the name and a short definition of the system, 2) three diseases affecting that system, 3) the symptoms of those diseases, and 4) information about prevention of those diseases.

CREDITS (INCLUDING CONTACT INFORMATION):

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