

~INTRODUCTION~

Congratulations!

You have recently graduated from college and have just landed your first full-time job!

Thanks to your extensive science background, you have been hired as a Youth Educator by the **Hackensack Health Organization (HHO)**. Your position requires you to research diseases that affect members of the community and present your work to students within the Hackensack Public Schools District.

~TASK~

Your supervisors at the Hackensack Health Organization, Drs. Cioppa, Flynn, Harrington and Tiboldo, have just given you your first assignment:

On Thursday April 2nd, you will visit the 7th grade Life Science classrooms at Hackensack Middle School and speak to the students about a disease that affects the human body.

Your supervisors will allow you to choose the disease that you will present from a list - the disease that you select may be one that is present among the community of Hackensack, or possibly found within some of the families of the students to whom you will be presenting. Either way, your supervisors have high expectations for you. The overall goals for your presentation are:

- To be informative
- To present the material in a manner that 13 and 14 year olds will understand
- To be interesting and hold the attention of your 7th grade audience
- To enhance your presentation with informative material, to be left with the students

~PROJECT LAYOUT~

Drs. Cioppa, Flynn, Harrington and Tiboldo are allowing you to choose how you wish to present the 7th grade Life Science students with the information on your disease. Though you must orally present what you have researched, you are also required to leave informative material behind for the students to review later. Your supervisors present you with three options:



Tri-fold Brochure



**PowerPoint
Presentation**



Informative Poster

Each option must contain the following information about your disease:

- A brief description of the disease
- A brief history of the disease
- Age group/gender/cultural group most affected by the disease
- What causes the disease (how can a person get it)
- How the body is affected by the disease
- The symptoms of the disease
- Cures or treatments for the disease
- How a person's daily life is affected by the disease
- Number of Americans affected by the disease

You will be required to complete a research organizer to record the information that you have collected.

~TRI-FOLD BROCHURE~



Your health brochure can be completed in one of two ways:

- Using a computer program, such as Microsoft Publisher
- By hand, using heavy-duty construction paper or oak tag

Layout:

Your health brochure should include a **cover**, **4 sections of information** and the **back**. Each section should have both written information, pictures, photos or clip art that correspond to the text.

The brochure must be arranged as follows:

Inside			Outside		
Section 1	Section 2	Section 3	Section 4	Back	Cover
Brief history of the disease	Symptoms of the disease How the disease affects the body	How the disease affects a person's daily life Prevention of the disease Cures or treatments of the disease	Basic description of the disease Cause of the disease Age group, gender, cultural group most affected by disease	Websites or places where you obtained the information for this project	Name of disease Student name Class Period Pictures, photos, clip art

~POWERPOINT PRESENTATION~



Your PowerPoint presentation should be used as a tool to guide you through your presentation to the 7th grade science classes. You must also provide a printed copy of the slides for the teacher.

Layout:

Your slideshow must:

- include at least 10 slides, but not exceed 15 slides
- include both written information and images that correspond to the text on each slide
- feature a title on each slide, in the manner indicated below (the title tells the audience what information is found on the slide)
- follow the slide order below

The guide below must be followed to layout your slides:

Slide #	Type of slide <i>Title to be placed at top of slide</i>	Information found on slide
Slide 1	Title	Name of disease Student name Class period
Slide 2	Information <i>What is ... (disease name)?</i>	Basic description of disease
Slide 3	Information <i>Important Dates in (disease) History</i>	Brief history of disease
Slide 4	Information <i>Causes of ... (disease name)</i>	Cause of disease
Slide 5	Information <i>Symptoms of ... (disease name)</i>	Symptoms of the disease
Slide 6	Information <i>How (disease name) Affects the Body</i>	How the disease affects the body
Slide 7	Information <i>How (disease name) Affects Daily Life</i>	How the disease affects a person's daily life
Slide 8	Information <i>Who is Most Affected by (disease name)?</i>	Age group, gender, cultural group most affected by disease
Slide 9	Information <i>Number of Americans Affected</i>	Current number of Americans affected by the disease
Slide 10	Information <i>Treatments/Cures/Prevention of ... (disease name)</i>	Cures or treatments Prevention of the disease
Slide 11	Resources <i>Sources Used</i>	Website addresses or sources where information was obtained about the disease

~INFORMATIVE POSTER~



You may choose to leave an informative poster with the students after you have presented information about the disease you chose. A poster is a wonderful choice, since it can be hung in the hallway for the students to review as they walk to class.

Layout:

Your informative poster must adhere to the following guidelines:

- Be presented on a larger size poster board (greater than 8x11 printer paper)
- Name of the disease researched must be highly visible
- Include all the information laid out in the research organizer
- Include pictures, photos or clip art that correspond to the text
- Information must be typed and pasted onto poster (handwriting is not acceptable)
- Pencil marks should not be visible
- Name of student and class period must be written in bottom right corner of poster

~STUDENT RESOURCES~

Websites ~ Handouts ~ Source Citation

Websites

The medical websites below are ones that will get you started researching your disease. You may not find everything that you need on one website. The project website includes one website specific to your disease that has been chosen to provide you with a great deal of information.

www.cdc.gov/DiseasesConditions/
<http://faculty.washington.edu/chudler/disorders.html>

www.drkoop.com/
www.healthatoz.com

www.mic.ki.se/Diseases/Alphalist.html

www.mayoclinic.com/
www.medicinenet.com
www.webmd.com
www.nlm.nih.gov/medlineplus/healthtopics.html
<http://healthlibrary.stanford.edu/resources/bodysystems/>

<http://health.yahoo.com/conditions>

www.ShellysScienceSpot.com/HackensackHealthReport/Index.htm

Class Handouts (pdf)

- Research organizer - Provided as a separate document in class or downloadable on the project website
- Project layout - This document
- Project rubrics – Provided as a separate document in class or downloadable on the project website

Source Citation

You are required to cite the sources that you used to obtain the information for your presentation. You will use MLA formatting, which requires you to include more than just the address of a website.

If, for example, I used the curriculum page on our class website as a source, I would cite it in the following manner:

Tiboldo, Crista E. *Shelly's Science Spot*. 19 Nov. 2008. 20 Nov. 2008
<<http://www.shellysscience.com/curriculum.htm>>.

Author of website. *Title of webpage*. Date that webpage was last updated. Date that you accessed the webpage. Url of webpage.

For help formatting your citations, visit citationcenter.net, and simply input your information.

~DUE DATES~

<u>Date</u>	<u>Assignment</u>
Friday, March 13	Project choice What project will you be presenting to the class? (Tri-Fold Brochure, PowerPoint Presentation, or Poster)
Friday, March 20	Research organizer due Will be checked and returned
Thursday, April 2 Friday, April 3	Class presentations Everyone must be prepared to present on the first day

Any concerns with the dates listed above must be brought to the attention of the instructor immediately.

Failure to meet the deadlines presented above will affect the overall grade of the project.

Please contact the instructor with any questions or concerns

(c.tiboldo@hackensackschools.org).