

Influenza Vaccine and Immunization: A Global Perspective

WebQuest Description: This service learning project was developed to have students focus on the impact of influenza and influenza vaccination locally, nationally and internationally...

Students will:

• Conduct research about the phenomenon in their city, nationally and internationally.

• Participate in the immunization influenza vaccine clinic, assisting with vaccination and health education.

Grade Level: College / Adult

Curriculum: Health / PE

Keywords: Influenza, vaccine, flu, global impact.

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WebQuest URL: <http://zunal.com/webquest.php?w=18969>

Introduction

<http://www.youtube.com/watch?v=EM7OjpQVouo&feature=related>

MAKE A DIFFERENCE IN YOUR COMMUNITY

<http://www.cdc.gov/flu/weekly/index.htm>

<http://sn131w.snt131.mail.live.com/default.aspx?wa=wsignin1.0&nwi=1&n=690700531>

Be a part of the health care team:

Share latest information on what the VA is doing to prevent the spread of influenza among its clients.

Learn about the global impact of influenza, and the influenza vaccination

Be one of the lucky ones to actually administer the vaccine to tens of clients in the flu clinic

<http://www.youtube.com/watch?v=0wK1127fHQ4>

<http://www.youtube.com/watch?v=XHISh559oho&feature=channel>

<http://www.youtube.com/watch?v=brf2inGs7E&feature=related>

Tasks

Students will:

Conduct research about H1N1 and the seasonal influenza via WebQuest

Develop posters and flyers to promote various flu clinics

Develop handouts to be distributed at various flu clinics

Administer influenza vaccines on the day of the clinic.

Write weekly journal entries

Write a final reflection at the end of the project.

 VA Pandemic Planning and Preparedness

<http://www.pandemicflu.va.gov/Nebraska> DHHS H1N1Influenza

<http://www.hhs.state.ne.us/H1N1Flu/>

<http://www.bloomberg.com/apps/news?pid=20601124&sid=asYIPo7IOFqw>

Process

1. BEFORE FLU CLINICS: You will be assigned to work in groups of seven or eight. Each team will select a team leader, who will work with Infection You will conduct research to answer the following questions: (see attachments below) What is the difference between H1N1 virus and seasonal flu virus? Will the seasonal flu vaccine also protect against H1N1 flu? Can the seasonal vaccine and H1N1 vaccine be given at the same time? How is the flu spread? Who is recommended to receive the seasonal vaccine and H1N1 vaccine? Identify countries and overseas territories /Communities with pandemic cases of H1N1 flu Describe

international travel guide in relationship to H1N1 virus and seasonal virus
 Review medication administration technique.
 AFTER THE RESEARCH: You will develop posters to advertise upcoming flu clinics
 You will develop handouts to be distributed to participants of the flu clinics.
<http://www.wikihow.com/Create-a-Brochure-in-Microsoft-Word-2007>
<http://www.mschien.com/howto/brochures.htm>
 FLU CLINIC DAY: Arrive at designated site one hour before to prepare for the clinic.
 Administer influenza vaccine from 8.00 am to 12.00 mid-day.
 Participate in health teaching during clinic (be prepared to answer relevant questions)
 AFTER THE CLINIC: You will write a reflection of the entire service learning experience (see evaluation section for rubrics)

Evaluation

Category and Score	Beginning 1	Developing 2	Very Good 3	Exemplary 4	Score
Poster	Formation and organization confusing Has little of the required information Some writing mechanics Graphic do not go well with text	Well organized information Has most of the required information Some writing mechanics observed Graphic goes well with text but not enough	Well organized information Has most of the required information Some writing mechanics observed Graphic goes well with text but not enough	Exceptionally attractive Has all the required information Satisfactory writing mechanics good mix of graphic and picture. graphic goes well with text	%25
Brochure	Formation and organization confusing Has little of the required information Some writing mechanics Graphic do not go well with text	Well organized information Has most of the required information Some writing mechanics observed Graphic goes well with text but not enough	Well organized information Has most of the required information Some writing mechanics observed Graphic goes well with text but not enough	Exceptionally attractive Has all the required information Satisfactory writing mechanics good mix of graphic and picture. graphic goes well with text	%25
Patient Education	Minimal information and no evidence of research	Mostly factual with some evidence of research based information	Factual information with with some evidence of research	Able to provide factual, evidence- based information	%25
Group Participation	Contributes to group tasks only when prompted. Provides information to group only when prompted. Participates in group changes with encouragement. Often depends on others to complete group work.	Work to achieve groups with occasional prompting. Contributes information after occasional reminding. Participates in needed changes after occasional prompting.	Works to achieve group goals without prompting. Accepts and fulfills individual role within group. contributes knowledge, opinions and skills. willingly participates in assigned changes and assigned tasks.	Consistently and actively works to achieve group goals. Willing to identify individual role within the group. Helps the group identify and make necessary changes.	%25
				Total Score	%100

Conclusion

To Immunize or not to Immunize?

This service learning project was designed to provide students with the opportunity to make a difference in their community, while being engaged in research that provides cutting edge information about a phenomenon that is of interest to everyone.

There is much talk and preparation in place to ensure that individuals and groups that are at risk for contracting the seasonal influenza or H1N1 virus are properly immunized.

But what about those who are at risk but refuse immunization, how should they be treated? What penalties if any should there be? What of minorities who are denied immunization? Who is responsible if they become infected, die or spread the disease to others?

<http://pediatrics.aappublications.org/cgi/reprint/115/5/1428>

http://www.changeproject.org/pubs/DREPIExecSummary_eng.pdf

Share your comments in our post immunization discussion and your reflection papers.

Teacher Page

This service learning project was designed to:

Facilitate community involvement for students

Provide students with first hand information and knowledge about global trends in the H1N1 and seasonal influenza

Increase awareness of a health care phenomenon that is of global interest

Engender social and civic responsibility

Build team spirit
Encourage self reflection

Standards

Credits

Other