



WAYNE STATE UNIVERSITY

STEM Day Lesson Plan

Title: Youth Empowerment: Solving Community Health Programs through Grassroots Efforts

Subject Area: Community Health

Learning Activity Description: Our presentation will briefly introduce students to the study of community health and an innovative, technological approach to identifying, understanding and intervening on community-based, health issues. Our presentation will begin with a brief overview of the study of community health and the key words associated with the day's activity (community health, needs assessment, photovoice). Students will engage in a short scripted walk around campus where they will complete a photovoice activity and a corresponding activity sheet. The session will end with a conversation of photovoice findings.

Lesson Activity Objective:

Students will be introduced to:

- Characteristics and contexts of Community Health professionals (program development, interventions, aspects of health, organizations, environment)

Students will critically examine and be able to verbalize:

- Why community-based health projects are important
- The process of program development (primarily the starting point of needs assessment)
- Specific examples of community-based health projects and discuss their impact

Lesson Activity Outcomes:

Students will leave the session able to:

- Draw assimilations between the Community Health profession and personal, school and community level change.
- Implement photovoice as a tangible and practical skill
- Identify health-related needs specific to their environment
- Advocate for community health change within their environment

Materials/Supplies Listed:

Cameras (preferable digital throw away, mobile device cameras)

Paper & pencils

WSU campus maps with Community Health parameters highlighted

Teacher Procedures:

1). Teacher will first introduce the Community Health profession through a short power point presentation (10 min)

The presentation slides will follow the following content:

- A generalized visual of the social ecological model, mapping their place and context within the model
- Common community health issues and the strategies Community Health experts utilize to promote change
- A detailed explanation of the Needs Assessment as a starting point in community change
- A further explanation of photovoice as an innovative tool used to capture community level health

2). Teacher will explain to the class that we are going to go on a short Community Health walk around campus (15 min)

The guided Community Health walk will be organized as follows:

- Students will be divided into four groups of five students, led by the teacher and Teacher Assistants (TAs).
- Teacher and TAs will lead students on a short guided tour where they are encouraged to capture pictures that resonate with them as focal points of WSU community health.

3). Teacher will reconvene students in classroom and facilitate small group and whole group discussion (20 min)

The small and whole group discussion will be organized as follows:

- Led by teacher and TAs each group will recap and share the pictures they took on the community health walk.
- The Teacher will assign one student to document the types of pictures taken and the frequency across the group that same/similar representations were documented and one student to be the group reporter.
- The teacher and group will develop a top three aspects of community health list to report back in whole group discussion.
- Students will reconvene as a whole group and student reporters from each group will share with the group their top three lists
- Teacher will facilitate a “wrap up” discussion on next community health steps that should be taken based on the information gathered in the session.

Preparation Time and Room Set Up for Learning Activity: 15 minutes for Power point/technology set up

Group Strategies (example, group size, expected time for groups, etc.)

- Community Health Walk will utilize four lead “teachers” to guide and narrate the tour
- Students will be divided into groups of 5 students
- Small group discussion will maintain the same group structure from the Community Health walk in order to promote deeper consideration for the learning experience.

Closing/Transition to next activity: Teacher will engage students in an online brain energizer video to get them ready for their next session.

- www.gonoodle.com