



STEM Day Lesson Plan

Lesson Plan Author(s) Names and Affiliation: The following lesson plan for STEM Day 2019 was developed using International Association of Clinical Simulation and Learning(INACSL) Standards of Best Practice- Design, Facilitation, Outcomes & Objectives (<https://www.inacsl.org/inacsl-standards-of-best-practice-simulation>) and American Nurses Association Scope and Standards of Practice(<https://www.nursingworld.org/practice-policy/scope-of-practice>) by Dr. Katherine Balint and Dr. Umieka Stevens.

Title: What is it like to be a Nurse?" Simulation Experience

Subject Area: Health Sciences: Professional Practice Healthcare Provider- Nursing

Learning Activity Description: Students will be active participants in a basic clinical nursing practice simulation using high fidelity human patient simulator.

Lesson Activity Objective: In this activity, students will role play varied aspects of a nurse assessing a patient in a hospital setting. Assessment, communication, interviewing, problem-solving, and providing care to the patients' needs. Concepts of basic nursing practice /process will be introduced and experienced by the students in an environment to mimic realism of the role of nurse as a member of the healthcare team.

Lesson Activity Outcomes: Student will describe what it is like to be a nurse through reflection of their experience providing nursing care to the patient presented in the simulation scenario. Debriefing; what did you learn, describe what the nurse did, what did you like about being a nurse, what didn't you like about being a nurse?

Materials/Supplies Listed: Simulation Lab environment, High fidelity simulator (SimMan3G) stethoscope

Teacher Procedures:

1. Students will be assigned a nurse role (assessor, vital signs, interview, and intervention) and provided a brief explanation of "what their role is and what they will do", including a question guide card on interview questions and physical assessment.
2. Students will receive a brief report on the patient presented and then instructed to approach patient as a team.
3. Students will collect patient information and share findings with observation students to determine "what is the plan of action and why.
4. Students will rotate roles- nurse role and observer with several different scenarios to enable ALL students to participate.

Preparation Time for Learning Activity: 30 minutes

Room set-up: SimMan3G in room 221 and 223. Basic patient scenario with monitor.

Group Strategies (example, group size, expected time for groups, etc.): Students work in groups and rotate roles.

Student Products/Artifacts/work pages: None

Assessment Criteria/Rubric: Debriefing focused on the overall experience, evaluation of learning activity objectives.

Closing/Transition to next activity: N/A