



HEALTHCARE SCIENCE

COURSE: 25.564 Emergency and Disaster Preparedness

UNIT: 2.1 Disaster Preparedness and Emergency Management Agencies



INTRODUCTION

Annotation:

This unit will cover the history and roles of various disaster preparedness/emergency management agencies including the Department of Homeland Security, Federal Emergency Management Agency (FEMA), Citizen Corps, and Georgia Emergency Management Agency (GEMA).

Grade(s):

X	9 th
X	10 th
X	11 th
X	12 th

Time: Five 50 minute periods

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Additional Author(s):

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Students with Disabilities:

For students with disabilities, the instructor should refer to the student's IEP to be sure that the accommodations specified are being provided. Instructors should also familiarize themselves with the provisions of Behavior Intervention Plans that may be part of a student's IEP. Frequent consultation with a student's special education instructor will be beneficial in providing appropriate differentiation.



FOCUS STANDARDS

GPS Focus Standards:

HS-EDP-2. Students will discuss the history and basic overview of the following disaster preparedness/emergency management agencies including the Department of Homeland Security, Federal Emergency Management Agency (FEMA), Citizen Corps, and Georgia Emergency Management Agency (GEMA).

- a. Identify and briefly discuss the history of the most common national, regional, state, and local disaster preparedness/emergency management agencies.
- b. Discuss the primary focus of the Citizen Corps as identified by FEMA.
- c. Differentiate between the basic responsibilities of each in an emergency/disaster situation: Citizen Emergency Response Team Member, Medical Reserve Corps Representative, First Responders, and Emergency Medical Technicians.

GPS Academic Standards:

ELA11SLV1. The student participates in student-to-teacher, student-to-student, and group verbal interaction.

ELAALRC3. The student acquires new vocabulary in each content area and uses it correctly.

ELA11C1. The student demonstrates understanding and control of the rules of the English language, realizing that usage involves the appropriate application of conventions and grammar in both written and spoken formats.

National / Local Standards / Industry / ISTE:



UNDERSTANDINGS & GOALS

Enduring Understandings:

- Students will understand the history and current function of various emergency management agencies and personnel in the United States. Students will understand the role of individual citizens in an emergency/disaster situation.

Essential Questions:

- In an emergency/disaster situation, what are the basic responsibilities of Citizen Emergency Response Team Members, Medical Reserve Corps Representatives, First Responders, and Emergency Medical Technicians?
- What is the primary focus of the Citizen Corps?
- What responsibilities do individuals have in emergency/disaster situations?

Knowledge from this Unit:

- Student knows the function of various emergency management agencies in the United States.
- Student knows about paid and volunteer career opportunities within each emergency management agency.

Skills from this Unit:

- Student can prepare to fulfill his or her individual responsibilities in an emergency/disaster situation.



ASSESSMENT(S)

Assessment Method Type:

- ☐ Pre-test
- ☐ Objective assessment - multiple-choice, true- false, etc.
 - ☐ Quizzes/Tests
 - ☐ Unit test
- ☐ Group project
- ☒ Individual project
- ☐ Self-assessment - May include practice quizzes, games, simulations, checklists, etc.
 - ☐ Self-check rubrics
 - ☐ Self-check during writing/planning process
 - ☐ Journal reflections on concepts, personal experiences and impact on one's life
 - ☐ Reflect on evaluations of work from teachers, business partners, and competition judges
 - ☐ Academic prompts
 - ☐ Practice quizzes/tests
- ☐ Subjective assessment/Informal observations
 - ☐ Essay tests
 - ☐ Observe students working with partners
 - ☐ Observe students role playing
- ☒ Peer-assessment
 - ☒ Peer editing & commentary of products/projects/presentations using rubrics
 - ☐ Peer editing and/or critiquing
- ☒ Dialogue and Discussion
 - ☐ Student/teacher conferences
 - ☐ Partner and small group discussions
 - ☒ Whole group discussions
 - ☐ Interaction with/feedback from community members/speakers and business partners
- ☐ Constructed Responses
 - ☐ Chart good reading/writing/listening/speaking habits
 - ☐ Application of skills to real-life situations/scenarios
- ☐ Post-test

Assessment(s) Title:

- Emergency Management Agency Scavenger Hunt
- Emergency Management Agencies Find a Career Worksheet
- Create a Game Project

Assessment(s) Description/Directions:

- Emergency Management Agency Scavenger Hunt: have students work individually or in pairs to complete on-line search.
- Emergency Management Agencies Find a Career worksheet: have students work individually to complete on-line search.
- Create a Game Project: distribute rubric at beginning of project so that expectations are clear.

Attachments for Assessment(s):

- Emergency Management Agency Scavenger Hunt
- Emergency Management Agencies Find a Career worksheet
- Create a Game Grading Rubric



LEARNING EXPERIENCES

Sequence of Instruction

1. Identify the Standards. Standards should be posted in the classroom for each lesson.

HS-EDP-2: Students will discuss the history and basic overview of the following disaster preparedness/emergency management agencies including the Department of Homeland Security, Federal Emergency Management Agency (FEMA), Citizen Corps, and Georgia Emergency Management Agency (GEMA).

2. Review Essential Questions.

- In an emergency/disaster situation, what are the basic responsibilities of Citizen Emergency Response Team Members, Medical Reserve Corps Representatives, First Responders, and Emergency Medical Technicians?
- What is the primary focus of the Citizen Corps?
- What responsibilities do individuals have in emergency/disaster situations?

3. Identify and review the unit vocabulary.

Department of Homeland Security, Federal Emergency Management Agency (FEMA), First Responder, Citizen Corps, Emergency Medical Technician (EMT), Georgia Emergency Management Agency (GEMA), Medical Reserve Corps

LESSON ONE

1. Use lecture notes (attached) to discuss the basic responsibilities of each of the following in an emergency/disaster situation: Citizen Emergency Response Team Member, Medical Reserve Corps Representative, First Responders, and Emergency Medical Technicians.
2. Have student write want-ads for each position. Have students include whether the position is paid or volunteer, the background requirements, and personal qualities that would make for a good candidate for each position.
3. If time allows, pair students for mock interviews. Have one student portray the hiring agency and the other the applicant (paid or volunteer) for one of the positions discussed in this lesson.

LESSON TWO

1. Show slideshow: Citizen Corps Overview from http://www.citizencorps.gov/cert/training_downloads.shtm (also attached).
2. Scavenger hunt (attached): have students complete by visiting websites of emergency management agencies to find answers. Note: this scavenger hunt includes information that should remain the same for long periods of time; it can be adjusted to include questions about current issues as the sites change often.

LESSON THREE

1. Have students brainstorm what careers exist within the various emergency management agencies.
2. Have students complete the Emergency Management Agencies: Find a Career Opportunity worksheet (attached).
3. Ask students to make a list of which careers they would find interesting and which they would not. Have students explain why.

LESSON FOUR/FIVE

1. Place students into groups of 3-4. Have them create a trivia or “who-am-I” style game using the different emergency management agencies and careers. Games must include a set of rules. Rubric attached.
2. Day two: Have groups’ trade games and play using the rule books. Give teams time to provide feedback on any rules that are unclear or problems with the game. Give grading rubrics to playing teams for peer editing and/or a peer grade.

Attachments for Learning Experiences:

Notes & Reflections:

- Invite representative from emergency management agency to speak to class.
- Invite EMT/Paramedic to speak to class.



CULMINATING PERFORMANCE TASK (Optional)

Culminating Unit Performance Task Title:

Culminating Unit Performance Task Description/Directions/Differentiated

Attachments for Culminating Performance Task



UNIT RESOURCES

Web Resources:

www.citizencorps.gov/cert/
http://www.citizencorps.gov/programs/mrc_detailed.shtm
<http://www.dhs.gov/index.shtm>
<http://www.gema.ga.gov/>
<http://www.fema.gov/>

Attachment(s): Supplemental files not listed in assessment, learning experiences, and performance task.

Materials & Equipment:

- Computers for student research
- Art materials to create games

What 21st Century Technology was used in this unit:

<input checked="" type="checkbox"/>	Slide Show Software	<input type="checkbox"/>	Graphing Software	<input type="checkbox"/>	Audio File(s)
<input type="checkbox"/>	Interactive Whiteboard	<input type="checkbox"/>	Calculator	<input type="checkbox"/>	Graphic Organizer
<input type="checkbox"/>	Student Response System	<input type="checkbox"/>	Desktop Publishing	<input type="checkbox"/>	Image File(s)
<input type="checkbox"/>	Web Design Software	<input type="checkbox"/>	Blog	<input type="checkbox"/>	Video
<input type="checkbox"/>	Animation Software	<input type="checkbox"/>	Wiki	<input type="checkbox"/>	Electronic Game or Puzzle Maker
<input type="checkbox"/>	Email	<input checked="" type="checkbox"/>	Website		