

**Wallenpaupack Area School District
Planned Course Curriculum Guide**

Department

Name of Course

Course Description:

Initial Creation Date (if applicable) and Revision Dates:

Wallenpaupack Area School District Curriculum	
COURSE: Protective Services Level 3 Fire	GRADE/S: 12
UNIT 2: Hazardous Material	TIMEFRAME: 20 days

<p>PA COMMON CORE/NATIONAL STANDARDS:</p> <p>A firefighter’s ability to recognize an incident involving hazardous materials (hazmat) or weapons of mass destruction (WMD) is critical. Firefighters must know how to identify the presence of hazmat and WMD, and know what their role is within the response plan.</p>
<p>UNIT OBJECTIVES (SWBATS):</p> <p>The students will be able to:</p> <ol style="list-style-type: none"> 1. Understand introductory knowledge hazmat operations 2. Identify Department of Transportation (DOT) hazmat placards 3. Analyze hazmat incident scenarios 4. Describe effective approaches of first responders to hazmat incident scenarios
<p>INSTRUCTIONAL STRATEGIES/ACTIVITIES:</p> <p>Discuss as a class how a firefighter might be exposed to hazardous materials. Help the students create a list of unusual situations when firefighters might encounter hazardous materials. Ask the students to discuss the personal protective equipment (PPE) that reduces exposure risk (e.g. SCBA, latex gloves, face mask, etc.). Have the students hypothesize about additional precautions for severe hazardous materials incidents. Use the Discussion Rubric for assessment.</p>
<p>ASSESSMENTS (Diagnostic/Benchmark/Formative/Summative):</p> <p>Hazardous Materials Exam and Key Hazardous Materials Key Terms Quiz and Key Hazardous Materials Short Answers and Scenarios Activity Hazardous Materials Department of Transportation (DOT) Placard Worksheet and Key</p>
<p>DIFFERENTIATED INSTRUCTION (Acceleration/Enrichment):</p> <p>Incident Response – Have students write a hypothetical scenario and response to a hazardous material incident specific to the area.</p>
<p>RESOURCES (Technology Based Resources, Text Resources, etc.):</p> <p>IFSTA Hazardous Materials for First Responders 6th Edition</p>
<p>KEY VOCABULARY:</p> <p>Key Terms:</p>