Grade 7 Science Unit: 01 Lesson: 01

## **Using Emergency Safety Equipment**

## Fire Extinguisher

Remember the acronym PASS - PULL, AIM, SQUEEZE, and SWEEP.

P - PULL

A - AIM

S - SQUEEZE

S - SWEEP

- **Step 1 PULL** the pin on the handle. This will allow the handle to work. Stand 8' to 10' from the fire.
- **Step 2 AIM** the nozzle at the base of the fire. Hit the fuel. It will not do any good to aim at the flame tops because the chemical from the extinguisher will pass through them.
- **Step 3 SQUEEZE** the top lever or handle. This will allow you to release the contents of the extinguisher.
- Step 4 SWEEP the nozzle from side to side until the fire is completely out.

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## **Fire Blanket**

- **Step 1 –** Remove fire blanket from its container.
- **Step 2 –** Shield your face, arms, and hands with the blanket by wrapping the outside of the blanket around your arms.
- **Step 3 PLACE**, do not throw, the fire blanket on the burning material. No air should be getting to the flames.
- **Step 4 –** If it is safe, turn off the heat source causing the fire.
- **Step 5 –** Leave the blanket on the burning material at least 30 minutes. Do not remove the blanket until it is cool.
- **Note:** If you are smothering a clothing fire you, should tightly wrap the blanket around the person whose clothes are burning and roll that person on the floor in the blanket.

## Face/Eyewash

- **Step 1 –** Guide injured student to the eyewash station. Because the first few seconds after exposure to a chemical are critical, eyewash/face wash must be within 10 or fewer seconds of anywhere in the room.
- **Step 2 –** Use your hands to hold the eyes open while using the eyewash to be sure water reaches the eyes.
- **Step 3 –** Flush the skin or eyes with tepid water (60°– 90° F) for at least 15 minutes. DO NOT RUB!
- **Step 4 –** Get medical assistance immediately.