

Name(s) _____

The Safety Scout Files



Instructions

With the help of your group use your safety knowledge to aid Sherlock Holmes and Dr. Watson in the Safety Scout Files!

1. Read your handout which includes the background, objective, and report from Holmes for each Safety Scout File.
2. Discuss with your group when the subjects did that went against safety guidelines (see above resources)
3. We will share and discuss our results together before heading on to the next Safety Scout File.

It may be helpful to review the safety guidelines as you read through the report of Detective Holmes.

Case 1: The Candy Wrapper Case

Background:

Holmes has discovered the identity of the infamous Candy Wrapper-Culprit of Mrs. Thompson's Physical Science class. Being late for his next victim lesson, Holmes has left Dr. Watson to help in continuing what safety procedures have been broken...

Your Objective:

Help Dr. Watson identify what safety guidelines were not followed by the culprit's lab group.

Holmes' Report:

The culprit was found in possession of several candy wrappers which matched the wrappers at the scene of the crime. The student admitted to eating these during lab activities. He was nice enough to share the candy during this time with his lab group. The group did not throw away the wrappers. Instead, they became preoccupied with lab equipment that was set out on their table. Several beakers and chemical bottles were present. Since no one in the group had noted the lab activity for the day, they began to mix the contents of the beakers in the beakers. They were all curious to see what would result. Holmes did not think the group bothered to read the labels of the chemicals. The students borrowed several other chemicals from Mrs. Thompson's preparation area. As the mixture began to smell, the group left their table, leaving their candy wrappers behind as evidence that they had all been present during the day's events. Mrs. Thompson found the lab table unattended and the chemicals left open.

Use the space below to record your group observations.
What lab safety guidelines were not followed by the group at the crime scene?
