

Explosive Detection Research

Directions:

1. Your instructor will divide the class into four groups and assign each group one of the following types of explosive detection techniques:
 - Honeybees
 - Gas chromatography/mass spectroscopy
 - Detection canines
 - X-ray machines
2. Using the Internet, library or any other available resources, research your assigned detection technique and answering the following:
 - When was the technique first invented
 - When was it first implemented as a bomb detection technique
 - How does it work
 - How long does training take
 - Where is this technique used
 - Is there any unique or interesting facts about this kind of technique
3. Using your findings, create a Microsoft® PowerPoint® presentation detailing your findings. Presentations must be creative, provide the required information and have a title and sources slide. Use images to enhance understanding.
4. Share your findings with the class and be prepared to answer questions.