CRIME SCIENCE

TERROR ALERT

Using Science to Fight Terrorism



TEACHING MATERIALS

SYNOPSIS

Uncover the science behind solving crime! In this exciting exploration of the criminal world, readers will discover how the latest science and technology is used to fight terrorism, from surveillance and monitoring people to DNA and biometric testing.

• 48 pages • 7.25 x 9.25 • Ages: 10–13 • Reading Level: Grade 6
• Interest Level: Grades 5-8 • Library-Bound: 978-1-915153-84-5
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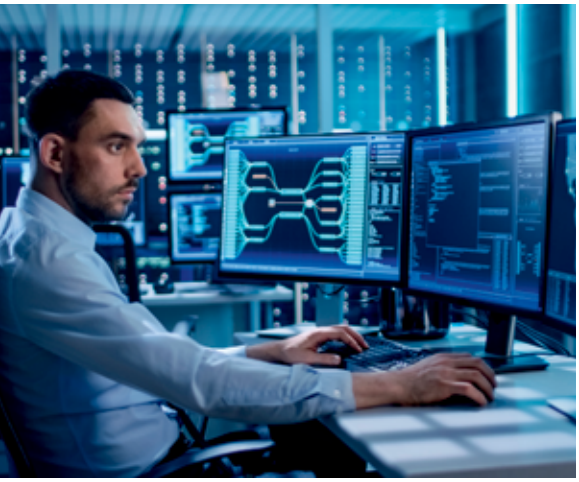
QUESTIONS FOR CLASS DISCUSSION, WRITING, AND RESEARCH

Points for Discussion



- To stay ahead of the terrorists, the government may employ scientists develop or test biological weapons. Do you think this is a good thing or a bad thing? Why do you say so?

- Extremist Animal rights groups have carried out terror attacks in the name of defending animals in laboratories. Many people feel the research done in these labs could benefit people greatly. Do you think these groups are justified or should scientists be allowed to carry on with their research at all costs?



- Do you think it's better to deradicalize a terrorist or to use violence to stop them? Why do you say so?

- After reading Crime Science: Using Science to Fight Terrorism, which career in counterterrorism interests you? What do you need to do to embark on this career?

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Writing Exercises

- Read page 15 Crime Science: Using Science to Fight Terrorism, how do you feel about traffic analysis? Write a paragraph to explain your point of view.

- Write a paragraph to explain how the global positioning system (GPS) evolved from a military system and how it is used in counterterrorism today.

- The Federal Bureau of Investigation (FBI) maintains the Combined DNA Index System (CODIS). Do you think everyone's DNA should be kept on record? Why do you say so? Do you think the need to solve cases outweighs a person's right to privacy? Write a letter to the government to voice your opinion.

Research Projects



- After reading pages 8 and 9 of Crime Science: Using Science to Fight Terrorism, find out about Operation Neptune Spear? Do research to find out more about the mission and how it was linked to Operation Geronimo.

- Find out more about how robots are used in counterterrorism, particularly in the dismantling and disposing of bombs.

- Research the US police force's power to stop and search people. Are certain ethnic or religious groups more likely to be stopped? Find evidence to support your answer.

- Find out more about animals are used in counterterrorism and in the aftermath of a terror attack.

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