

## Unit 6 Learning Objectives

### Preface

This lesson is the culminating unit of the course. Students will put together all they have learned throughout the course to determine Anna Garcia's cause of death. Throughout the course they have been compiling an Anna Garcia file with any information they have learned about her and her case. In this final lesson, students will investigate the structure and function of key human body systems and relate all of the ways Anna's various illnesses affected each body system, potentially resulting in her premature death. In the final activity of the course, students will receive one final autopsy report and put together all they know to determine Anna's cause of death. They will think about the interventions or innovations that may have saved Anna that day and reflect on the power of prevention in keeping the body well and safe from harm.

### Understandings

1. The human body is composed of multiple body systems working together to maintain good health.
2. Scientists need to make sure that what they present is accurate and is communicated in a way that keeps interest and focus.
3. Determining the cause of death involves the investigation of many aspects of the medical condition of a victim, the internal and external examination of the body, and the chemical and microscopic analysis of tissues and body fluids.

### Knowledge and Skills

It is expected that students will:

- Explain the functions of different human body systems and list the major organs within each system.
- Describe how multiple body systems are interconnected and how those interconnections and interactions are necessary for life.
- Demonstrate the ways an illness affects the various body systems.
- Deliver a quality visual and oral presentation.
- Analyze autopsy reports and medical history documents to determine cause of death.

## Essential Questions

1. What are examples of human body systems?
2. What organs make up the different body systems?
3. How do the different body systems interact to maintain good health?
4. What might be the consequence of malfunctions in any of the body systems?
5. How can prevention measures and medical interventions prolong life?