

# New Health Science Curriculum!

## Forensic Science

In the Forensic Science CPU, students complete an in-depth exploration of forensic science and many of its subfields, including forensic pathology, toxicology, odontology, entomology, and psychology. Students are introduced to common forensic laboratory procedures, such as hair and fiber microscopy, blood typing, examination of fingerprints and handwriting, and blood spatter analysis. Students also discover the usefulness of DNA evidence and electrophoresis.

Activity 1	Introduction
Activity 2	History of Forensic Science
Activity 3	Forensic Toxicology
Activity 4	Forensic Pathology
Activity 5	Bones & Teeth
Activity 6	Fingerprints
Activity 7	The Criminal Mind
Activity 8	Blood Evidence
Activity 9	DNA Evidence
Activity 10	Post-Test & Wrap-Up
Activity 11	Bonus Activities
Activity 12	Challenge
Activity 13	Open-Ended Challenge
Activity 14	Careers
Activity 15	Job Shadow

### Skills:

- Determine blood types.
- Study pathology slides using a microscope.
- Collect and analyze clues to determine the cause, mechanism, and manner of death.
- Study bite marks.
- Perform blood spatter tests.
- Complete an entomology data form.
- Perform fingerprint analysis.
- Test fabric materials with heat.

### Knowledge:

- Career opportunities within the industry
- Human anatomy and physiology
- Medical math
- Blood types
- Proper microscope usage
- Employability skills
- Medical terminology



Forensic Science Includes: Student Workbook, Instructor's Manual, Installation CD, Headphones, Blood Spatter Kit, Comprehensive Microscope, Crime Scene Kit, DNA Fingerprinting Simulation Kit, Pathology Slides with Booklet, Forensic Science Consumable Kit for 24 Students.