

**New Paltz Central School District
Forensic Science
(One semester course)**

Time	Essential Questions/Content	Skills	Assessments
	<u>Unit 1: Introduction to Forensic Science</u> • What is forensics? ----- • Witness reliability/making observations • Timeline • Bertillon's System	• • •	• Notes • Current event articles • Quiz •
	<u>Unit 2: Crime Scene Analysis</u> • • • ----- • Defining a crime scene/first responder • Types of evidence • Collecting/processing evidence • Photography and crime scene sketches • Search warrants	• • •	• Notes • Current event articles • Quiz • Lab report •
	<u>Unit 3: Trace Evidence</u> • • • ----- • Locard's Principle • Hair • Fibers	• • •	• Notes • Current event articles • Quiz • Lab report •

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	<u>Unit 4: Serology/Blood</u> • How is blood used? ----- • Blood spatter • Other body fluids	• • •	• Notes • Current event articles • Quiz • Lab report •
	<u>Unit 5: Prints</u> • • • ----- • Finger • Lip	• • •	• Notes • Current event articles • Quiz • Lab report •
	<u>Unit 6: DNA</u> • What is DNA? ----- • DNA fingerprinting and electrophoresis • Familial DNA	• • •	• Notes • Current event articles • Quiz • Lab report •
	<u>Unit 7: The “Body” of Evidence</u> • • • ----- • Causes of death • Autopsies • Time of death • Forensic entomology	• • •	• Notes • Current event articles • Quiz •