**PACING GUIDE**

**COURSE:** Forensics **GRADE(S):** 12th

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| **MONTH** | **UNIT** | **STANDARDS/SKILLS** | **ASSESSMENTS**What evidence (formative/summative) is utilized to establish that the content, standards, & skills have been mastered? | **CONTENT**Topics being covered? What do students need to know? (*nouns*) | **ACTIVITIES**w/Integration of Technology & Career Ready Practices |
| September |  \* Deductive Reasoning Unit\* Crime Scenes Unit\* Evidence Unit | SCI.9-12.5.1.12SCI.9-12.5.1.12.ASCI.9-12.5.1.12.BKnow science is evidence basedSCI.9-12.5.1.12SCI.9-12.5.1.12.CScientific knowledge builds upon itselfSCI.9-12.5.1.12.BSCI.9-12.5.1.12.CScientific knowledge builds upon itself | Deadly Picnic Murder CaseClueFACES composite sketchMock Crime Case (Rudy’s Pet Shop)Collecting/Preserving Evidence LabSearch Warrants CaseTest on Crime Scenes and Evidence | Deductive ReasoningSteps to Documenting a Crime CaseHow to collect/preserve evidenceWhat is evidence | Deadly Picnic Murder CaseClue Board GameFACES SoftwareMock Crime CaseForensic Files Episodes “Paintball” and “Van-ished”Collecting/Preserving Evidence Lab |
| October | \*Bertillon System\*Fingerprints Unit\*Blood/Blood typing unit | SCI.9-12.5.1.12.DGrowth of scientific knowledgeSCI.9-12.5.1.12SCI.9-12.5.1.12.ASCI.9-12.5.1.12.BScience uses observation tools | Bertillon system labRidge Characteristics of Fingerprints (Cards/Balloons)Dusting for FingerprintsTest (Bertillon system /Fingerprints)Blood/Blood typing quiz | How the Bertillon System worksWhat makes fingerprints unique, how they are formed, types/patternsWhat are the blood types and how to identify them | Bertillon System labFingerprint Identification, Forensic Files Episodes “Palm Print Conviction”, “Pure Bread Murder”, “Nice Threads”Dusting for Fingerprints, Ridge Characteristics (cards and balloons)Blood/Blood typing lab |
| November | \*Handwriting/Document Analysis Unit | SCI.9-12.5.1.12.ASCI.9-12.5.1.12.BSCI.9-12.5.1.12.CScience uses observation tools | 12 Basic characteristics of handwriting activity,Quiz – document/handwriting analysis quiz | What makes handwriting unique, types of fraudulent writing,  | Forensic Files Episode “Last Will”, Characteristics of handwriting lab, Day/Lake Worksheet |
| December | \*Anthropology Unit\*Hair/Fiber Analysis Units | SCI.9-12.5.1.12.ASCI.9-12.5.1.12.CScience is based on knowledge and accumulation of knowledgeSCI.9-12.5.1.12.ASCI.9-12.5.1.12.CScience is based on knowledge and accumulation of knowledge | Sherlock Bones LabTest – Anthropology/Odontology Hair Analysis LabFiber Analysis Lab | How can bones be used to determine characteristics of peopleWhat characteristics of hairs and fibers can be used in forensics | Sherlock Bones Activity, Forensic Files Episode “Past Lives”Hair/Fiber Analysis Labs, Forensic Files Episode “Shopping Spree” |
| January | \* Glass Analysis Unit\*Blood Spatter Unit\*Impressions Unit | SCI.9-12.5.1.12SCI.9-12.5.1.12.BScience is knowledge based on scientific evidenceSCI.9-12.5.1.12.BSCI.9-12.5.1.12.CScientific knowledge builds upon itself | Glass Analysis LabBlood Analysis LabShoe Print Making Lab | How can glass be used to reconstruct a crimeWhat are the types of blood spatter and how are they createdWhat characteristics make your shoeprint unique | Glass Analysis LabBlood Spatter Analysis LabShoe Print Making Lab |
| February |  \* Deductive Reasoning Unit\* Crime Scenes Unit\* Evidence Unit | SCI.9-12.5.1.12SCI.9-12.5.1.12.ASCI.9-12.5.1.12.BKnow science is evidence basedSCI.9-12.5.1.12SCI.9-12.5.1.12.CScientific knowledge builds upon itselfSCI.9-12.5.1.12.BSCI.9-12.5.1.12.CScientific knowledge builds upon itself | Deadly Picnic Murder CaseClueFACES composite sketchMock Crime Case (Rudy’s Pet Shop)Collecting/Preserving Evidence LabSearch Warrants CaseTest on Crime Scenes and Evidence | Deductive ReasoningSteps to Documenting a Crime CaseHow to collect/preserve evidenceWhat is evidence | Deadly Picnic Murder CaseClue Board GameFACES SoftwareMock Crime CaseForensic Files Episodes “Paintball” and “Van-ished”Collecting/Preserving Evidence Lab |
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| May | \*Hair/Fiber Analysis Units | SCI.9-12.5.1.12.ASCI.9-12.5.1.12.CScience is based on knowledge and accumulation of knowledge | Hair Analysis LabFiber Analysis Lab | What characteristics of hairs and fibers can be used in forensics | Hair/Fiber Analysis Labs, Forensic Files Episode “Shopping Spree” |
| June | \* Glass Analysis Unit\*Blood Spatter Unit\*Impressions Unit | SCI.9-12.5.1.12SCI.9-12.5.1.12.BScience is knowledge based on scientific evidenceSCI.9-12.5.1.12.BSCI.9-12.5.1.12.CScientific knowledge builds upon itself | Glass Analysis LabBlood Analysis LabShoe Print Making Lab | How can glass be used to reconstruct a crimeWhat are the types of blood spatter and how are they createdWhat characteristics make your shoeprint unique | Glass Analysis LabBlood Spatter Analysis LabShoe Print Making Lab |
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