

# CW High School

## Forensic Science

### 1. Criminalistics (11.11%)

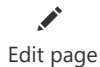
#### Learning Targets

#### 1.1 I can recall the major contributors to the development of forensic science.

Learning Target	Descriptor	Definition
4	Proficient	I can recall the major contributors to the development of forensic science.
3	Developing	I can apply discoveries to modern forensics.
2	Basic	I can describe scientific contributions of scientists.
1	Minimal	I can list careers of forensic scientists.
0	No Evidence	No evidence shown.

#### 1.2 I can categorize the services of a typical comprehensive crime laboratory in the criminal justice system.

Learning Target	Descriptor	Definition
4	Proficient	I can categorize the services of a typical comprehensive crime laboratory in the criminal justice system.
3	Developing	I can communicate the roles crime labs have in criminal investigations.
2	Basic	I can describe different departments in crime labs.
1	Minimal	I can list federal crime labs.
0	No Evidence	No evidence shown.



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## Forensic Science

### 2. Crime Scene (11.12%)

#### Learning Targets

##### 2.1 I can apply the steps to be taken for thoroughly recording the crime scene.

Learning Target	Descriptor	Definition
4	Proficient	I can apply the steps to be taken for thoroughly recording the crime scene.
3	Developing	I can create presentation that combines notes, photos and sketch.
2	Basic	I can photograph and record notes for crime scene.
1	Minimal	I can sketch a crime scene.
0	No Evidence	No evidence shown.

##### 2.2 I can communicate the proper procedures for conducting a systematic search of a crime scene for physical evidence.

Learning Target	Descriptor	Definition
4	Proficient	I can communicate the proper procedures for conducting a systematic search of a crime scene for physical evidence.
3	Developing	I can create chain of custody documents.
2	Basic	I can collect and properly tag all types of physical evidence.
1	Minimal	I can identify physical evidence.
0	No Evidence	No evidence shown.



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## Forensic Science

### 3. Physical Evidence (11.11%)

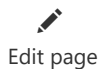
#### Learning Targets

#### 3.1 I can categorize the common types of physical evidence encountered at crime scenes.

Learning Target	Descriptor	Definition
4	Proficient	I can categorize the common types of physical evidence encountered at crime scenes.
3	Developing	I can utilize FBI collection of physical evidence procedures.
2	Basic	I can identify types of physical evidence.
1	Minimal	I can define the types of physical evidence.
0	No Evidence	No evidence shown.

#### 3.2 I can formulate the difference between individual and class characteristics of physical evidence.

Learning Target	Descriptor	Definition
4	Proficient	I can formulate the difference between individual and class characteristics of physical evidence.
3	Developing	I can utilize individual evidence as direct correlation.
2	Basic	I can rationalize the weight of class evidence.
1	Minimal	I can identify class evidence.
0	No Evidence	No evidence shown.



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## Forensic Science

### 4. Glass and Soil Evidence (11.11%)

#### Learning Targets

#### 4.1 I can perform glass identification through various methods.

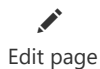
Learning Target	Descriptor	Definition
4	Proficient	I can perform glass identification through various methods.
3	Developing	I can determine glass properties.
2	Basic	I can determine density of glass.
1	Minimal	I can identify basic properties of glass.
0	No Evidence	No evidence shown.

#### 4.2 I can compile data to examine glass fractures to determine the direction of impact for projectiles.

Learning Target	Descriptor	Definition
4	Proficient	I can compile data to examine glass fractures to determine the direction of impact for projectiles.
3	Developing	I can determine the order of projectiles by radial fractures.
2	Basic	I can determine direction of impact force.
1	Minimal	I can identify possibly sources of fractures.
0	No Evidence	No evidence shown.

#### 4.3 I can examine soil through various lab techniques and match soils based on properties.

Learning Target	Descriptor	Definition
4	Proficient	I can examine soil through various lab techniques and match soils based on properties.
3	Developing	I can perform soil lab analysis.
2	Basic	I can compare different minerals and materials in soil.
1	Minimal	I can identify colors of soils.
0	No Evidence	No evidence shown.



# CW High School

## Forensic Science

### 5. Hair and Fiber Evidence (11.11%)

#### Learning Targets

#### 5.1 I can examine hair features that are useful for the microscopic comparison of human hairs.

Learning Target	Descriptor	Definition
4	Proficient	I can examine hair features that are useful for the microscopic comparison of human hairs.
3	Developing	I can distinguish different properties of hair.
2	Basic	I can compare and contrast hair characteristics.
1	Minimal	I can identify if hair is animal or human.
0	No Evidence	No evidence shown.

#### 5.2 I can classify fibers by polymer structure and weave pattern.

Learning Target	Descriptor	Definition
4	Proficient	I can classify fibers by polymer structure and weave pattern.
3	Developing	I can match fibers to common origin by properties of fiber.
2	Basic	I can distinguish fiber patterns.
1	Minimal	I can identify fiber type.
0	No Evidence	No evidence shown.



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### 6. Fingerprint Evidence (11.11%)

#### Learning Targets

#### 6.1 I can compare and contrast fingerprints utilizing patterns.

Learning Target	Descriptor	Definition
4	Proficient	I can compare and contrast fingerprints utilizing patterns.
3	Developing	I can compare and contrast individual points of identification.
2	Basic	I can identify specific points of identification.
1	Minimal	I can identify general ridge patterns.
0	No Evidence	No evidence shown.

#### 6.2 I can perform techniques for the development of fingerprints on different materials.

Learning Target	Descriptor	Definition
4	Proficient	I can perform techniques for the development of fingerprints on different materials.
3	Developing	I can create fingerprint display for analysis.
2	Basic	I can determine which method to lift print.
1	Minimal	I can identify prints on surfaces.
0	No Evidence	No evidence shown.



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## Forensic Science

### 7. DNA and Medical Examination (11.11%)

#### Learning Targets

#### 7.1 I can collect, preserve and identify sources of DNA.

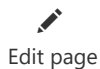
Learning Target	Descriptor	Definition
4	Proficient	I can collect, preserve and identify sources of DNA.
3	Developing	I can utilize proper chain of custody of specimen.
2	Basic	I can use proper procedure for collection of specimen.
1	Minimal	I can identify sources of DNA.
0	No Evidence	No evidence shown.

#### 7.2 I can critique DNA evidence to try an identify matches between evidence and suspect.

Learning Target	Descriptor	Definition
4	Proficient	I can critique DNA evidence to try an identify matches between evidence and suspect.
3	Developing	I can analysis DNA fingerprint.
2	Basic	I can recognize DNA code patterns.
1	Minimal	I can identify parts of DNA fingerprint.
0	No Evidence	No evidence shown.

#### 7.3 I can perform an autopsy on a pig and determine cause of death.

Learning Target	Descriptor	Definition
4	Proficient	I can perform an autopsy on a pig and determine cause of death.
3	Developing	I can create lab report for cause of death.
2	Basic	I can perform procedures for organ removal and labeling.
1	Minimal	I can identify possible sources of trauma.
0	No Evidence	No evidence shown.



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## Forensic Science

### 8. Firearms and Tool Marks (11.11%)

#### Learning Targets

#### 8.1 I can explain the comparisons of tool mark and impressions.

Learning Target	Descriptor	Definition
4	Proficient	I can explain the comparisons of tool mark and impressions.
3	Developing	I can compare and contrast tool marks to wound.
2	Basic	I can determine direction and source of trauma.
1	Minimal	I can identify tool marks.
0	No Evidence	No evidence shown.

#### 8.2 I can assess evidence from bullet comparisons, bullet wounds and firearm ballistics.

Learning Target	Descriptor	Definition
4	Proficient	I can assess evidence from bullet comparisons, bullet wounds and firearm ballistics.
3	Developing	I can analysis bullet striations and match to gun.
2	Basic	I can determine bullet caliber.
1	Minimal	I can identify bullet wounds.
0	No Evidence	No evidence shown.





# CW High School

## Forensic Science

### 9. Processing the Crime Scene (11.11%)

#### Learning Targets

#### 9.1 I can justify search warrants through the discovery and processing of physical evidence.

Learning Target	Descriptor	Definition
4	Proficient	I can justify search warrants through the discovery and processing of physical evidence.
3	Developing	I can use warrant to legally collect evidence.
2	Basic	I can justify warrant with evidence.
1	Minimal	I can write a search warrant.
0	No Evidence	No evidence shown.

#### 9.2 I can corroborate evidence and scientific data with their crime scene investigation team to build supportive evidence in a criminal investigation.

Learning Target	Descriptor	Definition
4	Proficient	I can corroborate evidence and scientific data with their crime scene investigation team to build supportive evidence in a criminal investigation.
3	Developing	I can present scientifically backed evidence and defend its validity.
2	Basic	I can utilize evidence to build a case.
1	Minimal	I can organize evidence.
0	No Evidence	No evidence shown.

#### 9.3 I can prove through scientific and lawful procedures to a district attorney their case is valid for the conviction of a criminal in a court of law.

Learning Target	Descriptor	Definition
4	Proficient	I can prove through scientific and lawful procedures to a district attorney their case is valid for the conviction of a criminal in a court of law.
3	Developing	I can present case to attain arrest warrant.
2	Basic	I can defend case with scientific evidence.
1	Minimal	I can communicate aspects of the case.
0	No Evidence	No evidence shown.

Submitted on 1/31/2022 by