

Jefferson City Public Schools–Curriculum

SUBJECT: Elementary

COURSE: EER

STRAND: Forensics

Objectives	Assessment/Evaluation	Instructional Activities
<p>(A) Introduction to Forensics Use symbols to create a bioglyph that accurately represents student characteristics</p> <p>Performance: 1.5, 1.6 Knowledge: (CA) 3 CAGLE: R.3.C (Gr. 6,7) NETS: (3-5) 4,8 DOK: 1-4</p>	Students will use clues to investigate and determine who each bioglyph represents – assess using a scoring guide	<ul style="list-style-type: none"> • Create a Bioglyph PowerPoint • Bill Nye Forensic video • Students will create their own bioglyphs
<p>(B) Crime Scene Basics Learn crime scene vocabulary and protocol</p> <p>Performance: 1.5 – 1.8, 2.4, 3.1, 3.4 - 3.7 Knowledge: (CA) 2-4 (SC) 7 CAGLE: R.3.C,D (Gr. 5,6); W.3.D (Gr. 7) SCGLE: SC7.1.B (Gr. 6-8) NETS: (3-5) 4,8 DOK: 1,2</p>	Crime Scene Basics: quiz	<ul style="list-style-type: none"> • Crime Scene Basics PowerPoint • Notes over Crime Scene Basics • United Streaming Forensic video (on the Internet) • Notes over video • Forensic A to Z challenge • Crossword review
<p>(C) Eyewitness Basics Learn about eyewitness basics and practice eyewitness skills</p> <p>Performance: 3.1 Knowledge: (SC) 7 SCGLE: SC7.1.B NETS: (3-5) 8 DOK: 1-3</p>	Scoring guide for “Now You See It Now You Don’t” activity	<ul style="list-style-type: none"> • Eyewitness Basics PowerPoint • Notes over Eyewitness Basics • Memory challenge activity • “Now You See It Now You Don’t” classroom activity

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<p>(D) Power of Evidence Learn about, identify and evaluate types of evidence</p> <p>Performance: 1.5 – 1.8, 2.1 - 2.4, 3.1, 3.4 - 3.7 Knowledge: (CA) 2-4 (SC) 7 CAGLE: R.3.C,D (Gr. 5,6); W.3.D (Gr. 7) SCGLE: SC7.1.A-E (Gr. 6-8) NETS: (3-5) 8 DOK: 1-4</p>	<ul style="list-style-type: none"> • Power of Evidence: <ul style="list-style-type: none"> • challenge – assess using a scoring guide • quiz • Tire Track challenge lab – assess using a scoring guide 	<ul style="list-style-type: none"> • Power of Evidence: <ul style="list-style-type: none"> • PowerPoint • notes • unit review • Trace Evidence scavenger hunt • Tire Track Evidence PowerPoint • Tire Track lab • Trace Evidence assignment
<p>(E) Hairs and Fibers Use microscopes to analyze and evaluate hairs and fibers</p> <p>Performance: 1.5 – 1.8, 2.1 - 2.4, 3.1, 3.4 - 3.7 Knowledge: (CA) 2-4 (SC) 7 CAGLE: R.3.C,D (Gr. 5,6); W.3.D (Gr. 7) SCGLE: SC7.1.A,B (Gr. 6-8) NETS: (3-5) 8 DOK: 1-3</p>	<ul style="list-style-type: none"> • Scoring guide for: <ul style="list-style-type: none"> • human hair lab • animal hair lab • fiber evidence lab • Hair challenge activity answers 	<ul style="list-style-type: none"> • Hair and Fiber Evidence: <ul style="list-style-type: none"> • PowerPoint • notes • Human hair lab • Animal hair lab • Fiber evidence lab • Hair challenge activity
<p>(F) Chromatography Use paper chromatography to identify a suspect</p> <p>Performance: 1.6 – 1.8, 2.1 - 2.4, 3.1, 3.4 - 3.7 Knowledge: (CA) 2-4 (SC) 7 CAGLE: R.3.C (Gr. 5,6); W.3.D (Gr. 7) SCGLE: SC7.1.A,B (Gr. 6-8) NETS: (3-5) 8 DOK: 1-4</p>	<p>Scoring guide for chromatography lab</p>	<ul style="list-style-type: none"> • Chromatography: <ul style="list-style-type: none"> • PowerPoint • lab • Notes over chromatography

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<p>(G) Fingerprints Distinguish between and identify fingerprint characteristics</p> <p>Performance: 1.5 – 1.8, 2.1 - 2.4, 3.1, 3.4 - 3.7 Knowledge: (CA) 2-4 (SC) 7 CAGLE: R.3.C,D (Gr. 5,6); W.3.D (Gr. 7) SCGLE: SC7.1.A-E (Gr. 6-8) NETS: (3-5) 8 DOK: 1-4</p>	<p>Fingerprint:</p> <ul style="list-style-type: none"> • analysis – assess using a scoring guide • review – assess using a scoring guide • test 	<ul style="list-style-type: none"> • Fingerprint: <ul style="list-style-type: none"> • PowerPoint • Principles notes • lab • Ridgeology Basics PowerPoint • Ridgeology basics • Latent Print: <ul style="list-style-type: none"> • PowerPoint • lab
<p>(H) Blood Basics Using chemistry, test and identify unknown blood samples</p> <p>Performance: 1.5 – 1.8, 2.1 - 2.4, 3.1, 3.4 - 3.7 Knowledge: (CA) 2-4 (SC) 7 CAGLE: R.3.C,D (Gr. 5,6); W.3.D (Gr. 7) SCGLE: SC7.1.A-E (Gr. 6-8) NETS: 8 DOK: 1-3</p>	<p>Blood:</p> <ul style="list-style-type: none"> • Basics review – assess using a scoring guide • Typing lab scoring guide • Basics quiz 	<ul style="list-style-type: none"> • Blood: <ul style="list-style-type: none"> • Basics PowerPoint • Typing lab • “What’s My Type?” PowerPoint
<p>(I) Ireland Bureau of Investigation – Case of the St. Patrick’s Day Cookie Mystery Using chemistry, test and identify unknown powders</p> <p>Performance: 1.5, 1.6, 1.8, 2.1 - 2.3, 3.1 Knowledge: (CA) 2-4 (SC) 7 CAGLE: R.3.D (Gr. 5,6); W.3.D (Gr. 7) SCGLE: SC7.1.A-C,G,H (Gr. 6-8) NETS: N/A DOK: 1-4</p>	<p>Scoring guide for Mystery Powders chemistry lab</p>	<p>Mystery Powders chemistry lab</p>