

**Jefferson County Educational Service Center  
Virtual Learning Academy  
Required Course Materials  
SCIFS: SCIENCE FORENSIC SCIENCE**

**Unit 02: The Crime Scene**

<b>FORENSIC SCIENCE KIT- UNIT #02</b>	
Newsprint	Markers
Plastic bags	Clear adhesive tape or clear book binding tape (2-3 inches in width)
Magnifying glass	Pencil
White paper	Baking soda
Cornstarch	Water
Vinegar	Paper cups
Teaspoons	Coffee stirrers or toothpicks
Paper towels	Optional items for chemical analysis experiment (6 powders are needed): corn starch, salt, powdered sugar, sugar, powdered milk, baking soda
Optional: animal hairs	Petri dish or small clear plastic bowl with a lid
Lint roller	Collection envelope (may use a white envelope)
Tweezers (flat edge, not pointed)	Disposable latex or vinyl gloves

**Unit 05: Impressions**

<b>FORENSIC SCIENCE KIT- UNIT #05</b>
~ Gallon zip lock plastic bag
~ Tube of Super Glue (gel version works best)
~ Can of soda or a drinking glass
~ Magnifying glass
~ Fingerprint powder (see lesson #14 for a list of companies that sell this product and the dusting brush). You might also call your local police department and they will give you a small sample; you could dust lightly with flour if the surface is dark in color, or use a soft lead pencil to make a mark and then press your finger into the lead mark and place on an index card and use the adhesive tape to lift the print). Another option is to purchase an inexpensive black ink pad.
~ Fingerprint dusting brush or round makeup brush with a handle
~ Optional activity on Super Glue fuming (see materials list in the lesson)
~ Baby wipes, packaged moist towelettes, or damp paper towels

~ Wax paper
~ Small bottle of tempera paint (washable)
~ Large sheet of white paper
~ Garbage bag
~ Several small sheets of white folded paper
~ Tube of red lipstick (inexpensive)
~ Drinking glass or Styrofoam cup
~ Clear adhesive tape or clear book binding tape (2-3 inches in width)

## Unit 06: Impressions, Marks and Ballistics

FORENSIC SCIENCE KIT- UNIT #06	
~ Bicycle	
~ Bathroom scale	
~ Metric ruler	
~ Optional activity on shoe sole printing (see materials list in the lesson)	
~ Clay (not play-dough)	
~ Magnifying glass	
~ Variety of tools: screwdriver, hammer, pliers, etc.	

## Unit 08: The Bone Detectives

FORENSIC SCIENCE KIT- UNIT #08	
~ 2 chicken legs with the meat removed	
~ 2 jars with lids	
~ Vinegar	

## Unit 09 Entomology (The Bug Detectives)

FORENSIC SCIENCE KIT- UNIT #09	
~ 3 pieces of raw beef liver	~ 2 Styrofoam plate
~ Dishpan	~ Plastic wrap
~ Magnifying glass	~ Tweezers
~ Thermometer	~ Safety goggles/safety glasses
~ Disposable latex or vinyl gloves	~ Notebook and pencil

## Unit 13 Odd and Ends

FORENSIC SCIENCE KIT- UNIT #13	
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~ Disposable latex or vinyl gloves
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~ Trash from your home wastebasket
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## Unit 16: Crimes without a Corpse

<b>FORENSIC SCIENCE KIT- UNIT #16</b>
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| <ul style="list-style-type: none"><li>• 6 different water-soluble black markers</li></ul>                         |
| <ul style="list-style-type: none"><li>• Scissors</li></ul>  |
| <ul style="list-style-type: none"><li>• Coffee filters</li></ul>  |
| <ul style="list-style-type: none"><li>• 6 clear plastic cups</li></ul>  |
| <ul style="list-style-type: none"><li>• Clear adhesive or clear book binding tape (2-3 inches in width)</li></ul> |
| <ul style="list-style-type: none"><li>• Metric ruler</li></ul>  |
| <ul style="list-style-type: none"><li>• Magnifying glass</li></ul>  |
| <ul style="list-style-type: none"><li>• Stopwatch or clock with seconds indicated</li></ul>                       |
| <ul style="list-style-type: none"><li>• Paper</li></ul>   |