

Created June 2018 *Please note that this is a copy and therefore has not been updated since its creation date. If you find a link issue or typo here, please check the actual course before bringing it to our attention. Thank you.*

Forensics (parent submitted)

Welcome to **Forensics**. (This course was parent submitted. This content was not approved by EP. We cannot guarantee that the links in this course are up to date. If a link does not work you can try to contact the parent, stace.dawes at gmail.com. You can google the topic of the link. If the link is a video, you can search youtube for a similar video.)

Credits: 1

Prerequisite: Biology

Recommended: 10th, 11th or 12th

Course Description: Forensics comes with a WARNING: this course includes graphic discussions of violent crimes and how they are solved. There are many labs to help with understanding the process of forensics. There are two courses blended together to create this course and they are:

1. B.Sapp's Forensics: http://bsapp.com/forensics_illustrated/index.html
2. Georgia Virtual Learning (GVL): If any GVL links do not work you can use this link: <http://www.gavirtualllearning.org/Resources/SharedForensicScience.aspx>

"It is important to note that in order to convict criminals, one must first understand the circumstances of criminals, the crimes they commit, and the tools that are used to commit them. This must be done at the crime scenes, in laboratories, jailhouse, and courts." – B. Sapp

I want to thank Brendan Sapp for allowing us to use his free curriculum.

Notes:

Most of the reading is pdf form so pdf reader such as adobe is required.

- There are tests after each unit, a midterm and a final exam for those who want them.
- Every once in a while there will be an "Extra" link. These links for more Resources on that topic. I was going to add them to your assignments but I do not feel that you need to go into great detail all the time, the Resource is there if you have a greater interest in that topic. (Have fun with them)
- Many of the assignments and grades will come from Labs which are graded using this rubric. If there is no answer sheet provided then you are expected to use the rubric for grading

Day 1*

1. *Print out your First Quarter Grading Sheets. (Excel)
2. *Print out the rubric and keep handy.
3. *Once a week you are asked to watch an episode of CSI and complete a Worksheet.
CSI Currently Airs on Wednesday Nights on Channel 2 (CBS) at 10 pm. *You can also*

use older episodes of CSI, CSI: Miami and CSI: NY if needed.) Check you TV. listings. I you do not have cable you can search for them online.

4. *See if you understand the English Measuring System and The Metric System.

Introduction

Day 2

1. Write down these Essential questions (from GVL) in your notebook and answer them as you go through this unit.
 1. How have scientific discoveries influenced the development of forensics as it applies to the law?
 2. What different specialties and techniques are used in a crime lab to process evidence and report findings?
 3. How should a crime scene be secured, assessed, and examined?
 4. How is crime scene evidence collected and documented?
 5. Review the Introduction Presentation.
1. Read History of Forensics & Basic Services Provided by Crime Laboratories (Pg. 1) (Unit 1 Reading Alternative)
2. Famous Forensics Game

Day 3

1. FBI in Pop Culture Quiz
2. Review the The Crime Scene Presentation
3. Basic Services Provided by Crime Laboratories (pg. 2) (Unit 1 Reading Alternative)

Day 4

1. Read about Inside a Crime Lab on GVL in pages 4 and 5
2. Explore all the different options.

Day 5

1. Read The Functions of the Forensic Scientist, Provision of Expert Testimony (pg. 3) (Unit 1 Reading Alternative)
2. Read the first page of Standard Behavior for Approaching a Crime Scene (pg.4) (Unit 1 Reading Alternative)

Day 6

1. Read the second page of Standard Procedure for Approaching a Crime Scene (pg.5) (Unit 1 Reading Alternative)
2. Read Collecting Evidence (pg. 6) (Unit 1 Reading Alternative)

Day 7*

1. Complete the Introduction worksheet.
2. Check your answers with the answer key on the website and record your grade.
- 3.

Day 8*

1. Watch this [Forensic Crime Lab Video](#) (This is a long video, you may want to finish the assignment on the next day.)
2. Here is a virtual [CSI Lab](#) if you want to look it over.
3. Complete the [Crime Lab Questions](#).
4. Check your [answers](#).

Day 9

1. Review the [Types of Analysis Presentation](#)
2. Read Types of [Analysis](#). (pg. 7) (*Unit 2 Alternative*)

Physical Evidence

Day 10

1. Watch the [Types of Evidence Presentation](#)
2. Read about Evidence and do the activities on [page 5](#). There is no need to do the assignment and case study at the bottom of the page.

Day 11

1. Read [Common Types](#) of Physical Evidence (pg. 7) (*Unit 2 Alternative*)

Day 12*

1. Complete the [Physical Evidence](#) worksheet
2. Check your [answers](#) and Record Your Grade.

Day 13*

1. Review your notes and [Units 1 and 2 Review Packet](#) (You can print this if you want to, you do not have to)

Day 14*

1. Take Introduction & Physical Evidence [Test](#)
2. Check your [answers](#) and record your grade

Day 15

1. Write down these Essential questions (from GVL) in your notebook and answer them as you go through this unit.
 1. How can ransom notes or suicide letters be helpful to forensics scientists?
 2. Is handwriting class or individual evidence?
 3. What security measures are taken to prevent counterfeiting?
 4. What type of documents can be forged?
1. Read about Document Analysis & Handwriting on GVL [page 2](#)
2. Check the Learn More Resources (If they are available)

Day 16

1. Read about Cryptanalyst
2. Play Cracking the Code

Day 17

1. Read about Forgery & Counterfeiting on GVL page 3. You do not need to do the assignments and case study at the bottom of the page.
2. Check the Learn More Resources (If they are available)

Day 18*

1. *Review How to Write a Lab Report. (Some students have had trouble opening this lab, if you can not open it please skip it and I will announce when it is replaced, I want to make sure I do not double anything.)
2. Complete the Handwriting Analysis Lab on GVL at the bottom of page 3.
3. Grade using the rubric. (You printed this out on Day 1.) Record your grade.

Day 19*

1. Complete Analysis of Ransom Note. *(Note Lab, Note Lab Pg. 2)
2. Use the Ransom Notes and Exemplars PDF to complete this Lab.
3. Grade using the rubric (You printed this out on Day 1.). Record your grade.

Day 20*

1. Complete Catching a Counterfeit using the link given at the top of the activity.
2. Check your answers. Record your grade

Day 21

1. Review your notes for tomorrow's test.

Day 22*

1. Complete Document Analysis Test.
2. Check your answers. Record your grade.

Glass and Soil

Day 23

1. Write down these Essential questions (from GVL) in your notebook and answer them as you go through this unit.
 1. What types of crimes involve glass and soil?
 2. In what ways do glass and soil evidence aid in solving a crime?
 3. How are glass and soil evidence collected and preserved?
1. Review the Glass Fractures Presentation.
2. Read Glass Fractures, Stress Marks & Successive Penetrations (*Pgs. 13 – 14*) (Unit 3 Alternative)

Day 24

1. Review the Soil Lab and UV-Lights Presentations.
2. Read Forensic Characteristics of Soil (pg. 17) (Unit 3 Alternative)

Day 25

1. Read Fluorescence, Soil Comparisons & Density Gradient Tubes (pgs. 18-20)

Day 26*

1. Complete the Glass and Soil worksheet.
2. Check your answers. Record your grade.

Day 27*

1. Complete the Virtual Density Lab. (from a GVL resource)
2. (If you are unable to use the link on worksheet you can use this alternate link. You will need to change the object description on the worksheet.
3. Grade using the rubric. (You printed this out on Day 1.) Record your grade.

Day 28*

1. Complete the Soil virtual Lab (from a GVL resource) You will need to enable flash in your browser.
2. Grade using the rubric. (You printed this out on Day 1.) Record your grade.

Day 29

1. Review your notes and Unit 3 Glass Soil Review packet

Day 30*

1. *Complete the Glass and Soil Test (#7-10 photos)
2. Check your answers with the answer key on the website. Record your grade. (bsappcom) Please highlight the previous () and do not share the password online anywhere since it does not belong to us

Fingerprinting

Day 31

1. Review the Fingerprints Introduction Presentation
2. Read Fundamental Principles of Fingerprints and Ridge Characteristics (pgs. 21 & 22) (Unit 4 Alternative)

Extra Resource, Investigate if you chose

Day 32

1. Review the Arches loops whorls and Classes Presentations.
2. Read Anatomy of Fingerprints (p. 23) (Unit 4 Alternative)

Day 33

- 1.

2. Read Loops, Whorls and Arches (pgs. 25 & 26) (Unit 4 Alternative)
3. Review the Developing Prints Presentation

Day 34

1. Read Automated Fingerprint Identification Systems (AFIS) (pg. 27) (Unit 4 Alternative)
2. Review the Random Prints Presentation

Day 35

1. Read Crime-Scene Fingerprints, Dusting and Iodine Fuming (pgs 27 & 28) (Unit 4 Alternative)

Day 36

1. Read Ninhydrin Solution, Silver Nitrate and Other Ridge Patterns (pgs. 29 & 33) (Unit 4 Alternative)

Day 37

1. Review the Reading Fingerprints Presentation
2. Read Quick Reference Guide to Reading Prints (pg. 34) (Unit 4 Alternative)

Day 38

1. Read about Fingerprint Identification Systems on page 4.
2. Read about Digital Imaging for Fingerprint Evidence on page 5 and explore the Learn More and the More Resources if they are available.

Day 39 & 41*

1. Print out the Guide to Reading Finger Prints and the MODUS OPERANDI
2. Complete these Fingerprint Identification Worksheets:
 1. *Worksheet I
 2. *Worksheet II
 3. *Worksheet III
 4. *Worksheet IV
1. Check your answers. and Record your grades.

Day 42*

1. Complete the Fingerprint worksheet.
2. Check your answers. Record your grade.

Day 43

1. Review your notes and Unit 4 Fingerprints Review packet.

Day 44*

1. Complete the Fingerprint Test. (see your parent for access)

2. Check your answers with the answer key on the website. Record your grade. (bsappcom
Reminder: Again please do not share this online anywhere since it does not belong to us)

Day 45

1. Use today to complete any missed or incomplete assignments.
2. For your CSI Worksheets there have been about 9 weeks of school so far, you will now enter the grades for them:

Number of WS's	Extra Credit Grade
9	110
8	105
7	100
6	95
5	90
4	85
3	80

3. Today is the end of your First Quarter. If you choose save a few of your Labs for you portfolio.

Day 46*

1. Print out your Second Quarter Grading Sheets. (Excel)
2. Print out CSI Worksheets if you need more, remember you are completing one each week.
3. Complete the Entomology Project and Rubric. The link in the pdf is not working, here is the research link.
4. Use the rubric provided with the project to grade this and record your grade.

Day 47*

1. Complete Interactive Investigator. You will need to use this link for the interactive instead of the one given.
- 2.
3. Check your answers and record your grade

Day 48*

1. Complete CSI vs Reality
2. Check your answers and Record your grade

Hair and Fiber

Day 49 & 50

1. Write down these Essential questions (from GVL) in your notebook and answer them as you go through this unit.
 1. What are the different distinction characteristics of hair and fibers?
 2. How can forensic scientists distinguish between human and animal hair?
 3. What is the difference between natural and synthetic fibers?
1. Review all the Presentations:
 1. Hair Characteristics
 2. Review
 3. Species Conditions of Hair

Day 51

1. Read Morphology of Hair and Cuticle Characteristics (pgs. 37-40) (Unit 5 Alternative)

Day 52

1. Read Medullary Characteristics Medullary Characteristics and Identification and Comparison of Hair (pgs. 41-43) (Unit 5 Alternative)

Day 53

1. Read Frequently Asked Question about Hair, Fibers and Types of Fibers (pgs. 44-47) (Unit 5 Alternative)

Day 54*

1. Complete the Hair worksheet
2. Check your answers and record your grade.

Day 55*

1. Complete Hair Lab. If you do not have access to a microscope you can use this link and scroll down to see some images of human hair under a microscope.
2. Use your rubric to grade your lab

Day 56 – 59*

1. Complete the Unit 5 Hair Open Response Questions (there are 12 so aim to do 3 a day)
2. Use this as practice and understanding.

Day 60*

1. Complete Interactive Hair Web Lesson

2. Check your answers and Record your grade.

Day 61*

1. Complete Fiber Virtual Lab (you will need to have flash enabled in your browser).
2. Grade using rubric.

Extra Resource, Investigate if you choose

Day 62

1. Review your notes and Unit 5 Hair Fiber Review packet.
2. Here is a study stack, another way to help you study.

Day 63*

1. Complete the Hair Test. (Slides for page 3)
2. Check your answers with the answer key on the website. Record your grade. (The password can be found on Day 30.)

Day 64

1. Today you will need to create a free account. Go to firearmsid.com.
 - On the Right hand side of the page click on Red Register
 - You will need to enter your email and your name.
 - For type of Organization are you affiliated with we put: High School
 - For Occupation: High School Student
 - Click Submit when the registration form is completed.
 - While you wait for your email confirming your account information log in follow #2 and #3 here.
1. At the end of this Unit you will start a paper. Here are the directions.
2. You should have received your email confirming your account information log in on the home page.
 - Log into your account from the main page
 - Look through the website just to get a feel for it find the Main Page List and the Resource Area List, you will need to know them.
 - Main Page List on the left hand side choose and read the Introduction

Day 65

1. Log into your firearmsid.com account.
2. From the Main menu on the Left hand side, choose "Firearms Identification" then click Introduction. Read through the introduction page and click next to continue through Fundamentals of Firearm Identification and Bullet Identification.
3. Also read through the section on Caliber.

Day 66

1. Log into your www.firearmsid.com account.

2. From the Login page locate the Main Page List on the Left hand side choose and Read the Bullet Basics, Rifling and Rifling Impressions. *(Remember to use the Next button at the bottom of each page)*
3. There are more images from today's reading from the gallery.

Day 67

1. Log into your www.firearmsid.com account.
2. From the Login page locate the Main Page List on the Left hand side choose and Read the GRC Identification, Cartridge Case ID, Striated Action Marks. *(Remember to use the Next button at the bottom of each page)*
3. There are more images from today's reading from the gallery.

Day 68

1. Log into your www.firearmsid.com account.
2. From the Login page locate the Main Page List on the Left hand side choose and Read the Impressed Action Marks. *(Remember to use the Next button at the bottom of each page)*
3. There are more images from today's reading from the gallery.
4. Complete the Firearms Identification Quiz.
5. Check your answers. Record your grade out of 50.

Day 69

1. Log into your www.firearmsid.com account.
2. From the Login page locate the Main Page List on the Left hand side choose and Read the Distance Determinations, Bullet Hole Characteristics and Gunshot Residue. *(Remember to use the Next button at the bottom of each page)*
3. There are more images from today's reading from the gallery.
4. *(If you cannot access them from this link please return to your login page or Resource Area Home and locate the Graphic Libraries listed under Resource Area)*

Day 70

1. Log into your www.firearmsid.com account.
2. From the Login page locate the Main Page List on the Left hand side choose and Read the Gunshot Residue Exam, GSR Standards and GSR Test Results *(Remember to use the Next button at the bottom of each page)*
3. There are more images from today's reading from the gallery.

Day 71

1. Log into your www.firearmsid.com account.
2. From the Login page locate the Main Page List on the Left hand side choose and Read the Shotgun Pattern Testing.
3. There are more images from today's reading from the gallery.

4. From the Login page or the Resource Area Click on Bullet ID- VCM, located with Virtual Comparison Microscope.
5. Complete the Bullet ID-VCM Activity as a Lab

Day 72

1. Log into your www.firearmsid.com account.
2. From the Login page or the Resource Area Click on Cartridge Case ID- VCM, located with Virtual Comparison Microscope.
3. Complete the Cartridge Case ID- VCM Activity as a Lab

Day 73

1. Log into your www.firearmsid.com account.
2. From the Login page locate the Main Page List on the Left hand side choose and Read the Firearm Function Testing and Expert Testimony
3. There are more images from today's reading from the [*gallery*](#).
- 4.
5. Study for tomorrow's test

Day 74*

1. Log into your www.firearmsid.com account.
2. From the Login page or the Resource Area List on the Left hand side choose FirearmID Quizzes, find and complete the Muzzle Distance Analysis (32 pts) and Projectile ID Quiz (32 pts).
3. Record your grade out of 62.

Days 75- 79

1. *Start your [paper](#). Work on writing it everyday.
2. Your paper is due on Day 81

Day 80

1. Write your rough draft.

Day 81

1. Edit your paper and hand in.

Day 82

1. Read about Toolmarks in GVL on [page 6](#)
2. Start reading about Arson and Explosives Evidence on [page 2](#) and complete the interactivity.

Day 83

1. Read about Analysis of Arson and Explosives Evidence on [Page 3](#). You do not need to do the portfolio assignment at the bottom of the page.

2. Explore the Learn More Resources if they are available.

Extra Resource, Investigate if you choose:

http://forensic.to/links/pages/Forensic_Sciences/Field_of_expertise/Firearms/

http://forensic.to/links/pages/Forensic_Sciences/Field_of_expertise/Toolmarks_shoeprints_locks/

<http://www.fast-lab.com/>

<http://www.fcafire.com/load.php?action=firesafe>

http://forensic.to/links/pages/Forensic_Sciences/Field_of_expertise/Explosives/

Day 84*

1. Complete Rookie Training. (You will need flash enabled in your browser.)
2. Check your answers and record your grade.

Day 85*

1. Complete Burning Star. (You will need flash enabled in your browser.)
2. Check your answers and record your grade.

Day 86 & 87

1. Take today and tomorrow to complete any assignments in may have missed, not finished or would like to like a better grade on

Day 88 – 89

1. Review your notes, tests and you can use the review packets again.

Day 90*

1. Complete the Midterm.
2. Check your answers.
3. Make sure all your grades have been entered
4. For your CSI Worksheets there have been about 9 weeks of school so far, you will now enter the grades for them:

Number of WS's	Extra Credit Grade
9	110
8	105
7	100
6	95

5	90
4	85
3	80

Today is the end of your Second Quarter and your First Semester. If you choose save a few of your Labs for you portfolio.

Day 91*

1. Print out your Third Quarter Grading Sheets. (Excel)
2. Print out CSI Worksheets if you need more, remember you are completing one each week.
3. Complete Class vs Individual Evidence.
4. Grade using rubric, and record your grade.

Day 92*

1. Read the Wayne Williams Case Study. Then complete the "Wayne Williams and Probability Case Study Questions"
2. Check your answers. And record your grade.

Day 93*

1. Complete Forensic Anthropology Lab
2. Grade using the rubric and record your grade.

Drugs & Paraphernalia

Day 94

1. Write down these Essential questions (from GVL) in your notebook and answer them as you go through this unit.
 1. How are drugs classified?
 2. Why are drugs dangerous?
 3. What laws govern the use and distribution of drugs?
 4. How is alcohol metabolized?
 5. What is the legal limit of alcohol?
 6. Besides alcohol, what other toxins do toxicologist deal with?
1. Review all the Presentations:
 1. Drug Classes
 2. Drug Information Sheet
 3. Drug Paraphernalia
 4. Drug Types
1. Review the new Project

Day 95

1. Read Dependence and Abuse Dependence and Abuse and Narcotic Drugs (pgs. 75 & 76) (Unit 8 Alternative).

Day 96

1. Read Hallucinogens and Depressants (pgs. 77-80) (Unit 8 Alternative).

Day 97

1. Read Stimulants, Drug-Control Laws and Drug Schedules (pgs. 81-83) (Unit 8 Alternative).

Day 98

1. Review your notes and the Unit 8 Drugs Paraphernalia Review packet.

Day 99*

1. Take the Drugs test.
2. Check your answers with the answer key on the website. Record your grade. (The password can be found on Day 30.)

Day 100

1. Read about Drug Toxicology on pages 2 and 3. You do not need to do the discussion, lab and portfolio assignments at the bottom of these pages.

Day 101 -103

1. Complete Nothing to Rave About.
2. Check your answers. Record your grade.
3. Complete N Squad. You will need to use this link instead of the one in the pdf. (You will need to have flash enabled in your browser).
4. Check your answers. Record your grade.

Day 104*

1. Complete Mouse Party. (You will need to have flash enabled in your browser.)
2. Check your answers (The table is worth 7 points). Record your grade.

Day 105*

1. Start your Project, this is due on Day 113
2. Day 1 Pick your topic

Day 106 & 107

1. Start research

Day 108

1. Write your thesis

Day 109

1. Write your outline

Day 110 – 113

1. Continue your research
2. Work on Visual aids

Day 114 & 115

1. Write your rough draft

Day 116

1. Edit and Complete your project
2. Use your rubric to grade it and record your grade

Chemical Analysis

Day 117

1. Review the Chromatography Presentation
2. Read Drug Identification and Theory of Chromatography (pg. 85) (*Unit 9 Alternative*)

Day 118

1. Read Thin-Layer Chromatography (TLC), Color Test and Read Microcrystalline Test (pgs. 86-90) (*Unit 9 Alternative*)

Day 119

1. Read Qualitative Analysis, Instrumental Analysis, Spectrophotometry, Mass Spectrometry and Spectrographic Anal (pgs. 91-95) (*Unit 9 Alternative*)

Day 120*

1. Complete the Poison Lab
2. (Poison Lab Flow Chart)
3. Grade using the rubric. Record your grade.

Day 121*

1. Complete the Chromatography Lab
2. Grade using the rubric. Record your grade.

Day 122

1. Read about Analytical Techniques on page 2 and do the interactivity on the page.
2. Read about Forensic Chemistry

Day 123

1. Read about Spectrophotometry on [page 4](#)
2. Read about Mass Spectrometry on [page 5](#)

Day 124

1. Review your notes and the [Chemical Analysis](#) Review packet for tomorrow's test

Day 125*

1. Complete the [Chemical Analysis test](#).
2. Check your answers (*Chromo/Poison Key*) with the answer [key](#) on the website and Record your grade. (The password can be found on Day 30.)

Day 126

1. Read about the Compound Microscope on [Page 3](#). You do not need to do the Case Study at the bottom of the page.
2. Read about the Comparison Microscope on [Page 4](#)

Day 127

1. Read about the Stereoscopic Microscope on [Page 5](#)
2. Read about the Polarizing Microscope on [Page 6](#) and watch the video on that page.

Day 128

1. Read about the Microspectrophotometer on [Page 7](#)
2. Read about the Scanning Electron Microscope on [Page 8](#) and complete the interactivity on the page. You do not need to do the Assignments at the bottom of the page.

Day 129*

1. Complete the [Spectroscopy Virtual Lab](#)
2. Grade using the rubric. Record your grade.

Day 130

The end of the quarter is on Day 135, but I do not want to end the quarter in the middle of a unit, so today is the end of 3rd quarter.

1. Make Up Days
2. For you CSI Worksheets there have been about 9 weeks of school so far, you will now enter the grades for them:

Number of WS's	Extra Credit Grade
9	110
8	105

7	100
6	95
5	90
4	85
3	80

3. Make sure all your grades are recorded.
4. If you choose save a few of your Labs for you portfolio.

Bodies and Autopsies

Day 131

1. Print out your Fourth Quarter Grading Sheets. (Excel)
2. Print out CSI Worksheets if you need more, remember you are completing one each week.
3. Review the Medial Imposition and Performing an Autopsy Presentations.

Day 132

1. Read Identifying Dead Bodies and Reconstructing the Unidentified (Medial Imposition) (pgs. 97-98) (Unit 10 Alternative)

Day 133

1. Read The Coroner, Determining Cause of Death, In Home Deaths, Crime Scene Deaths and Vehicular Accidents (pgs. 100-101) (Unit 10 Alternative)

Day 134

1. Read What Warrants an Autopsy?, Autopsies and Dress (pgs. 102 &103) (Unit 10 Alternative)

Day 135

1. Read External Examination and Dissection of the Main Trunk (pgs. 104 & 105) (Unit 10 Alternative)

Day 136

1. Read The Organs, Running the Gut, Removing the Brain & Closing Up (pgs. 106-108) (Unit 10 Alternative)

Day 137

1. Read the Autopsy Report (pgs. 109-116). (Unit 10 Alternative)

Day 138 & 139

1. Do the Virtual Autopsy.

Day 140*

1. Complete the Autopsy worksheet.
2. Check your answers and record your grade.

Day 141

1. Read the article Timely Death.

Day 142

1. Review your notes and the Bodies Autopsies Review packet.
2. Check out study stack and see what you know.

Day 143

1. Take Autopsies Test.
2. Check your answers. Record your grade. (#10 is not correct, this will be fixed soon.)

Day 144

1. Read about Components of Blood and Other Serological Evidence on Page 2
2. Read about Immunoassay Techniques on Page 3
3. Read about the Forensic Importance of Serology Evidence on Page 4. You do not need to do the case study at the bottom of the page.

Day 145

1. Read about Blood Stain Patterns on Page 5. You do not need to do the activity at the bottom of the page.
2. Read about Principles of Heredity and Paternity on Page 6. You do not need to do the activities at the bottom of the page.

Day 146*

1. Complete the Serology worksheet.
2. Check your answers. Record your grade.

Day 147-148*

1. Complete Serology Activity.
2. Grade using your rubric and record your grade.
3. You could save this for your portfolio if you want.

DNA Typing

Day 149

1. Read What is DNA? and Base Pairs (pgs. 117 & 118) (Unit 11 Alternative)

Day 150

1. Read VNTR, Forensic DNA Testing, RFLP (Restriction Fragment Length Polymorphism), PCR (Polymorphism Chain Reaction) and STR (Short Tandem Repeat) or SSR (Simple Sequence Repeats) (pgs. 119 – 121) (Unit 11 Alternative)

Day 151

1. Read mtDNA (Mitochondrial DNA), DNA Testing-At a Glance and CODIS (pgs. 122 & 123) (Unit 11 Alternative)

Day 152

1. Read Matching DNA Tests and Reading DNA Tests (pg. 124) (Unit 11 Alternative)

Day 153*

1. Complete DNA worksheet (You can use this website if you need more help: <http://www.forensicindia.com/fingerprint/dnaintro.html>)
2. Check your answers. Record your grade.

Day 154

1. Review Notes, assignments and the Unit 11 DNA Typing Review packet.
2. Here is another study stack.com.

Day 155*

1. Take the DNA test.
2. Check your answers. Record your grade.

Day 156*

1. Complete the DNA Spooling lab.
2. Grade using your rubric and record your grade.

Day 157*

1. Complete the DNA WebQuest. You will use this site to answer the questions.
2. Check your answers. Record your grade.

Day 158*

1. Complete the DNA Extraction Lab
2. Grade using your rubric and record your grade.

Day 159 – 162

1. Practice what you have learned <http://www.sfu.museum/forensics/eng/> (You will need flash
2. enabled in your browser.)

Day 163

1. Take the next 7 days to learn about other aspects of Forensics.
2. Digital Evidence :
http://forensic.to/links/pages/Forensic_Sciences/Field_of_expertise/Computer_Investigation/
3. Audio:
http://forensic.to/links/pages/Forensic_Sciences/Field_of_expertise/Linguistics_audio/

Day 164

1. Imagery:
http://forensic.to/links/pages/Forensic_Sciences/Field_of_expertise/Image_Processing/
2. Photography:
http://forensic.to/links/pages/Forensic_Sciences/Field_of_expertise/Photography/

Day 165

1. Traffic: http://forensic.to/links/pages/Forensic_Sciences/Field_of_expertise/Traffic/

Day 166 & 167

1. Forensic Medical (there are 5 subtypes)

Day 168

1. Forensic Psychiatry; http://forensic.to/links/pages/Forensic_Psychiatry_Psychology/

Day 169

1. Do the FBI Adventure: <http://www.fbi.gov/fun-games/kids/kids-adventure>

Day 170

1. Complete the Agent Challenge: <http://www.fbi.gov/fun-games/kids/kids-adventure>

Day 171

1. Learn about different Careers:
2. Law Enforcement Careers

Day 172*

1. Complete the Explore Forensics Worksheet
2. Check your answers and Record your grade.

Day 173 – 178 – Study for Final Exam

1. Use your Assignments and tests to study.
2. You can also get crossword puzzles and other activities for practice at the end of each chapter on the GVL website
3. Remember to use the Study Stacks:

4. Here are some different ones:
5. forensics 1
6. forensics 2

Day 179*

1. Take Final Exam
2. Check your answers and Record your grade/

Day 180

Today is the End of Forensics.

1. Use today to complete any missed or incomplete assignments.
2. Make sure that all your grades are recorded.
3. For you CSI Worksheets there have been about 9 weeks of school so far, you will now enter the grades for them:

Number of WS's	Extra Credit Grade
9	110
8	105
7	100
6	95
5	90
4	85
3	80

1. If you choose save a few of your Labs for you portfolio.
2. Complete your portfolio
3. If you are completing a transcript then Add 1 Credit for Forensics.

Other Resources:

<http://www.crimemuseum.org/blog/>- blog

Forensics Book List: <http://www.forensicpage.com/>

Products Available:

http://forensic.to/links/pages/Forensic_Sciences/Field_of_expertise/Products/