

FORENSIC SCIENCE WEEKLY SCHEDULE: (1st Semester)

2015-16

** Items that are underlined and bolded show assignments that will be graded. This schedule is also posted on the Henry County High School Website. Go to Teachers, Montgomery, Forensic Science, and find what notes or schedule you need.*

Mon., Aug. 3

- 1.) Syllabus/Make-up Schedule/School Handbook/Science Notebook
- 2.) Reminder: **Safety Test Thursday**
- 3.) Paperwork due this week:
FOR MS. MONTGOMERY – To Be Signed:
-Flinn Safety Contract signed parent & student
-Syllabus -Student Information Sheet signed by parent
FOR SCHOOL:
-Mandatory School Attendance Policy signed by parent & student
-Henry County High School Emergency Form filled out by Parent OR
-Academy Emergency Forms filled out by parents
-Handbook Acknowledgement Form in the back of the back of the STUDENT AND PARENT HANDBOOK needs to be filled out and signed by student and parent
*-Lunch Form – if you want a free or reduced lunch ticket for the year, it **MUST** be filled out again every year*

Tues., Aug. 4

- 1.) Take up signed handouts.
- 2.) **Video:** Zombie College: The 5 Rules of Lab Safety
<http://www.youtube.com/watch?v=S6WARqVdWrE>
- 3.) Review the Handbook, pages 8-11.

Wed., Aug. 5

- 1.) Take up signed handouts.
- 2.) Discuss Safety Equipment.
- 3.) Review the Handbook, pages 19-27.

Thurs., Aug. 6

- 1.) Review Lab Safety
- 2.) **LAB SAFETY TEST**
- 3.) Review the Handbook, pages 28-30.
- 4.) FIRE DRILL DURING 4TH PERIOD

Fri., Aug. 7

- 1.) Build Science Notebook.
- 2.) Turn in all signed papers.
 - Safety Contract
 - Insurance Information Form
 - Attendance Policy
 - Emergency Card

- Free/Reduced Lunch Form
- Handbook Acknowledgement Form

3.) Review the Handbook, pages 31-35.

Mon., Aug. 10

- 1.) **Video:** Forensic Science Timeline - History of Forensics
<http://www.youtube.com/watch?v=TbuTirBdZjQ>
- 2.) Notes: Observation Skills, C.1
- 3.) **CHART: Observation Skills, C.1**
MAKE SURE YOUR NOTEBOOK AND SIGNED SYLLABUS AND FLINN SAFETY CONTRACT HAVE BEEN TURNED IN.

Tues., Aug. 11

- 1.) FACES: Eye Witness Composite Sketch, C. 1
- 2.) COMPUTER LAB: FACES
- 3.) **Chapters 1 & 2 Word Test – Must Have Completed Index Card to Take Test.**

Wed., Aug. 12

- 1.) **Lab Activity: What Influences Our Observations?**
- 2.) Notes: Crime-Scene Investigation and Evidence Collection
- 3.) **CHART: Crime-Scene Investigation and Evidence Collection, C.2**

Thurs., Aug. 13

- 1.) **Chapters 1 and 2 STUDY CHECK**
- 2.) Chapters 3 & 4 Word Study and Index Card Given Out

Fri., Aug. 14

- 1.) Review Chapter 1 and 2 Study Check for Test Review
- 2.) **Chapters 1 & 2 CONTENT TEST – NO NOTES!**

Mon., Aug. 17

- 1.) Review Chapter 1 and 2 Study Check for Test Review
- 2.) **Chapters 1 & 2 CONTENT TEST – NO NOTES!**
- 3.) **VIDEO DOC.: Forensic Files: Wood-Be Killer**
- 4.) Chapters 3 & 4 Word Study and Index Card Given Out

Tues., Aug. 18

- 1.) **CASE STUDY REVIEW: Daubert v. Merrell Dow Pharmaceuticals, C.1**
- 2.) Notes: The Study of Hair, C.3
- 3.) **CHART: The Study of Hair, C.3**
- 4.) **COMPUTER LAB: CSI Adventures - Finish Case 1 Rookie Training**

Wed., Aug. 19

- 1.) **LAB: Hair Identification, C.3**
- 2.) **CASE STUDY: Neutron Activation Analysis of Hair**
- 3.) **Chapters 3 and 4 WORD TEST - MUST HAVE CARD**

Thurs., Aug. 20

- 1.) Notes: A Study of Fibers and Textiles, C.4.
- 2.) **CHART: A Study of Fibers and Textiles, C.4**
- 3.) **Video Notes: Forensic Files: Two in a Million**

Fri., Aug. 21

- 1.) **DIAGNOSTIC TEST OVER C.1-10**
- 2.) **Chapter 3 and 4 STUDY CHECK - REVIEW FOR TEST**

3.) Chapter 5 and 6 Word Study and Index Card Given Out

Mon., Aug. 24

- 1.) Notes: A Study of Fibers and Textiles, C.4
- 2.) **Video Notes: Forensic Files: Two in a Million**

Tues., Aug. 25

- 1.) **CASE STUDY: Neutron Activation Analysis of Hair (Review Orally)**
- 2.) **LAB: Hair and Fiber Identification, C. 3 & 4**

Wed., Aug. 26

- 1.) **Chapter 3 and 4 Open Book STUDY CHECK**
- 2.) Chapter 4 Word Study & Index Card Given Out – **ARSON AND FIRE INVESTIGATION**

Thurs., Aug. 27

- 1.) Review 3 and 4 Study Check Orally for Test Review
- 2.) **Chapter 3 and 4 Content Test - No Notes - No Book**
- 3.) **Chapter 4 Word Test – ARSON AND FIRE INVESTIGATION**

Fri., Aug. 28

- 1.) Notes: Arson and Fire Investigation, C. 4
- 2.) **CHART: ARSON AND FIRE INVESTIGATION, C. 4**
- 3.) **CASE STUDY: Berns Triplets, C. 4 - Arson**
- 4.) **NOTEBOOK TEST 1**

Mon., Aug. 31

- 1.) Notes: Arson and Fire Investigation, C. 4
- 2.) **CHART: ARSON AND FIRE INVESTIGATION, C. 4**
- 3.) **CASE STUDY: Berns Triplets, C. 4 – Arson** (REVIEW)
- 4.) **Chapter 4 Word Test – ARSON AND FIRE INVESTIGATION**

Tues., Sept. 1

- 1.) **CASE STUDY: HAPPY LAND FIRE, C. 4** (REVIEW)
- 2.) **VIDEO NOTES: Forensic Files: Burning Ambition**
- 3.) **Chapter 4 Study Check With Page Numbers – Arson**
- 4.) C.5 Word Study & Index Card Given - Explosions

Wed., Sept. 2

- 1.) Notes: Explosions, C. 5
- 2.) **CHART: Explosions, C.5**
- 3.) **C. 5 Word Test With Index Card – Explosions**
- 4.) **CASE STUDY: Timothy McVeigh, C. 5**

Thurs., Sept. 3

- 1.) **CASE STUDY: Timothy McVeigh, C. 5** (REVIEW)
- 2.) **C. 5 Study Check – Explosions**
- 3.) C.5 & C.6 Word Study & Index Card Given – Pollen & Fingerprints

Fri., Sept. 4

- 1.) Notes: Pollen & Spore Examination, C.5
- 2.) **CASE STUDY: Season of Dearth, C.5**
- 3.) **VIDEO NOTES: Forensic Files: Making the Collar, C.5**

MONDAY, SEPTEMBER 7 - NO SCHOOL - NO SCHOOL!

- Tues., Sept. 8**
- 1.) Notes: Pollen & Spore Examination, C.5
 - 2.) **CASE STUDY: Season of Dearth, C.5**
 - 3.) **VIDEO NOTES: Forensic Files: Making the Collar, C.5**

<https://www.youtube.com/watch?v=XjQyNddjsBw>

- 4.) C. 5 & 6 Word Study & Index Card Given Out: C.5 Pollen and Spore Examination and C.6 Fingerprints

- Wed., Sept. 9**
- 1.) **Chapter 5 STUDY CHECK - Pollen**
 - 2.) CASE STUDY: The Season of Death, C.5 (REVIEW)
 - 3.) **CASE STUDY: C. 6 Pedro Velasquez (Fingerprints)**

- Thurs., Sept. 10**
- 1.) Notes: Fingerprints
 - 2.) **NOTEBOOK TEST 1**
 - 3.) **C. 5 & 6 Word Test With Card – Spores &**

Fingerprints

- 4.) Activity: Fingerprint Card & Fingerprint Collection for LAB
- Fri., Sept. 11**
- 1.) **LAB: Fingerprint identification, C.6**
 - 2.) **CASE STUDY: Unaltered Identity, C.6**

- Mon, Sept. 14**
- 1.) Notes: Fingerprints, C. 6
 - 2.) Review Case Study, **Unaltered Identity, C.6**
 - 3.) **VIDEO NOTES: Forensic Files, Death of a Salesman, C.6**

- Tues., Sept. 15**
- 1.) **Chapter 6 Open Book Study Check**
 - 2.) Chapter 7 Word Study & Card Given – DNA Fingerprinting
 - 3.) **Case Study: Colin and Tommie, C.7**

- Wed., Sept. 16**
- 1.) Review C.6 Study Check over Fingerprints before test.
 - 2.) **C.6 Content Test – No Notes – No Book**
 - 3.) CHART: DNA Fingerprinting, C. 7

- Thurs., Sept. 17**
- 1.) Notes: DNA Fingerprinting, C. 7
 - 2.) Review Case Study, Colin & Tommie, C.7
 - 3.) **Chapter 7 Word Test – DNA Fingerprinting**

- Fri., Sept. 18**
- 1.) **VIDEO NOTES: DNA Extraction, C.7**
 - 2.) **LAB: Cheek Cell Extraction, C.7**

FALL BREAK - SEPTEMBER 21-25, 2015 - NO SCHOOL!

- Mon., Sept. 28**
- 1.) Notes: DNA Fingerprinting, C.7
 - 2.) **VIDEO NOTES: Forensic Files: Fresh Heir, C.7**

<https://www.youtube.com/watch?v=VLyHEfcWOVM>

- Tues., Sept. 29**
- 1.) **VIDEO NOTES: DNA Extraction, C.7**
 - 2.) **LAB: Cheek Cell Extraction, C.7**
 - 3.) **NOTEBOOK TEST 2**

- Wed., Sept. 30**
- 1.) **C. 7 Open Book Study Check – DNA Fingerprinting**

Thurs., Oct. 1

- 2.) C. 8 Word Study & Index Card Given Out.
- 1.) Review C. 7 Study Check Before Test.
- 2.) **C. 7 Content TEST – No Notes – No Book – Over DNA Fingerprinting**

Fri., Oct. 2

- 3.) **CHART: Blood and Blood Spatter, C.8**
- 1.) Notes: Blood and Blood Spatter, C.8
- 2.) **C.8 Word Test – Blood Spatter**
- 3.) **CASE STUDY: Ludwig Tessnow, C.8**

Monday – Marvel VS. Disney

Tuesday – Throwback T.V. Character

Wednesday – “Senior” Citizen Day

Thursday – Hip Hop Celebrity

Friday – Spirit Day

Freshmen – White

Sophomores – Gray

Juniors – Black

Seniors – Gold

Mon., Oct. 5

- 1.) Notes: Blood Basics, C.8 (*Blood Basics Notes Due*)
- 2.) Notes: Bloodstain Science (*Bloodstain Science Notes Due*)
- 3.) Review Ludwig Tessnow Case Study, C.8
- 4.) **C.8 Word Test – Blood & Blood Spatter**
- 5.) C.8 Chart Due today.

Tues., Oct. 6

- 1.) **C.8 Study Check – Blood & Blood Spatter**
- 2.) Review C.8 Study Check before Test
- 3.) **C.8 Content Test – No Notes – No Book**
- 4.) C. 9 Word Study & Index Card Given: Drug Identification & Alcohol

Wed., Oct. 7

- 1.) **LAB: Blood Spatter, C.8**
- 2.) **LAB: Blood Typing, C.8**
- 3.) **CASE STUDY: Anna Nicole Smith, C.9 Given Out**

Thurs., Oct. 8

- 1.) Review C.9 Case Study, Anna Nicole Smith
- 2.) **VIDEO NOTES: Hollywood Death: Anna Nicole Smith & NBC News Report of Death of A.N.S.**
- 3.) Notes: Drug Identification & Toxicology
- 4.) **CHART: Drug Identification & Toxicology, C.9**

Fri., Oct. 9

- 1.) Notes: Physiology of Alcohol & Poisons, C.9
- 2.) **CHART: Physiology of Alcohol & Poisons, C.9**

LAST DAY OF THE GRADING PERIOD!

Mon., Oct. 12

**PROFESSIONAL LEARNING FOR TEACHERS
NO SCHOOL FOR STUDENTS Ca
Grades Posted Today.**

Tues., Oct. 13

- 1.) Notes: Physiology of Alcohol & Poisons, C.9
- 2.) **CHART: Physiology of Alcohol & Poisons, C.9**

Wed., Oct. 14

10TH GRADERS TAKE PSAT 8:30 TO WHENEVER!

Stay in First Period until the PSAT is over!

- 1.) **VIDEO NOTES: Forensic Files: Death by Poison, C.9**
- 2.) **C.9 Open Book Study Check – Drugs and Alcohol**
- 3.) **NOTEBOOK TEST 3**
- 4.) **CASE STUDY: Jane Toppen & Elvis Presley, C.9**

Thurs., Oct. 15

- 1.) Review C. 9 Study Check – Drugs & Alcohol
- 2.) **C. 9 Content TEST – NO NOTES – NO BOOK.**
- 3.) C. 10 Word Study and Index Card Given Out.

Fri., Oct. 16

- 1.) **LAB: If there is time for Set-up!!**
- 2.) Review Jane Toppen and Elvis Presley Case Study, C.9.
- 3.) Notes: Handwriting Analysis, Forgery, and Counterfeiting, C.10
- 4.) **CHART: Handwriting Analysis, Forgery, and Counterfeiting, C. 10**

Mon., Oct. 19

MID-TERM PROGRESS REPORTS GO HOME!

- 1.) Notes: Handwriting Analysis, Forgery, and Counterfeiting, C.10
- 2.) **CHART: Handwriting Analysis, Forgery, and Counterfeiting, C. 10**
- 3.) **C. 10 Word Test - Handwriting Analysis, Forgery, and Counterfeiting**
- 4.) **CASE STUDY: Lloyd Cunningham, Document Expert, C.10 – Write a one-page summary including how People are trained as document experts.**

Tues., Oct. 20

- 1.) **VIDEO NOTES: Forensic Files Postal Mortem, C.10**
- 2.) LAB ACTIVITY: FOURTH ADMENDMENT – Handwriting Analysis, C.10.
- 3.) Review Lloyd Cunningham, C.10

Wed., Oct. 21

- 1.) **C. 10 Open Book Study Check – Handwriting Analysis, Forgery, and Counterfeiting**
- 2.) **C.1 0 Content Test – No Notes – No Bookk.**
- 3.) C.11 Word Study and Index Card Given Out – Death, Meaning, Manner, Mechanism, Cause, and Time

Thurs., Oct. 22

- 1.) Notes: Death, Meaning, Manner, Mechanism, Cause, and Time, C.11
- 2.) **CHART: Death, Meaning, Manner, Mechanism, Cause, and Time, C.11**
- 3.) **CASE STUDY: Beetles and Insects, C.11**

Fri., Oct. 23

- 1.) **VIDEO NOTES: Forensic Files – Summer Obsession,**

C.11

2.) **C. 11 Word Test with Card – Death**

3.) **CASE STUDY: Mysterious Death at the Fair, C.11**

Mon., Oct. 26

1.) Review Case Study - Beetles and Insects, C.11

2.) **CASE STUDY: Mysterious Death at the Fair, C.11**
Mortis

Tues., Oct. 27

1.) **VIDEO NOTES: Forensic Files: Summer Obsession,**
C.11

2.) Finish any missing work.

Wed., Oct. 28

1.) Review Activity: Calculating Time of Death Using Rigor
Mortis, C.11

2.) Review **CASE STUDY: Mysterious Death at the Fair**

3.) **C.11 Open Book Study Check – Death: Meaning,**
Manner, Mechanism, Cause, and Time

4.) **NOTEBOOK TEST 4**

5.) C. 12 & 14 Word Study and Index Card Given Out - Soil
Examination and Glass Evidence

Thurs., Oct. 29

1.) Review C. 11 Study Check Before Test

2.) **C. 11 CONTENT TEST - Death: Meaning, Manner,**
Mechanism, Cause, and Time

3.) **C.12 Case Study - Andreas Schlicher**

Fri., Oct. 30

1.) Notes: Soil Examination, C.12

2.) **CHART: Soil Examination, C.12**

3.) **C. 12 & 14 Word Test - Soil Examination & Glass**
Evidence

4.) **Video Notes: Forensic Files: Grounds for Indictment,**
C.12

Mon., Nov. 2

PROFESSIONAL LEARNING DAY FOR TEACHERS
NO SCHOOL FOR STUDENTS!

Tues., Nov. 3

PROFESSIONAL LEARNING DAY FOR TEACHERS
NO SCHOOL FOR STUDENTS!

Wed., Nov.4

1.) Review Andreas Schlicher, c.12

2.) **CHART: Soil Examination, C.12**

3.) **C. 12 & 14 Word Test - Soil Examination & Glass**
Evidence

4.) **Video Notes: Forensic Files: Grounds for Indictment,**
C.12

Thurs., Nov. 5

1.) Notes: C.14: Glass Examination

2.) **CHART: Glass Evidence, C.14**

3.) C. 13 Word Study & Card Given Out: Forensic Anthropology

– What We Learn From Bones

Fri., Nov. 6

- 1.) Notes: Forensic Anthropology: What We Learn from Bones, C.13
- 2.) **VIDEO NOTES: Kathy Reichs on Forensic Anthropology, C.13**

<https://www.youtube.com/watch?v=L101Bvj0IAA>

- 3.) **VIDEO NOTES: Bones – Inspired by Kathy Reichs**

<https://www.youtube.com/watch?v=nW1I2eYfdwc>

- 4.) **CHART: FORENSIC ANTHROPOLOGY, C. 13**

Mon., Nov.9

- 1.) **C. 13 Open Book Study Check – Forensic Anthropology**
- 2.) **C.13 Word Test With Card – Forensic Anthropology**
- 3.) All charts up to C.13 should be turned in.
- 4.) **REMINDER: SKELETAL SYSTEM QUIZ FRIDAY!**

Tues., Nov. 10

- 1.) Review C.13 Study Check before Test.
- 2.) **C.13 Content TEST – Forensic Anthropology**
- 3.) Chapter 15 & 16 Word Study & Index Card Given Out

Wed., Nov. 11

- 1.) Notes: Casts & Impressions, C.15
- 2.) **CHART: Casts & Impressions, C.15**
- 3.) **CASE STUDY: The Romanovs**

Thurs., Nov.12

- 1.) Review *Case Study: The Romanovs, C.13*
- 2.) **NOTEBOOK TEST 4**

Fri., Nov. 13

- 1.) **SKELETAL SYSTEM QUIZ FIRST THING!**
- 2.) **C. 15 & 16 Word Test With Index Card – Casts & Impressions and Tool Marks**

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on., Nov. 16

4TH PERIOD - GO TO LAB 502 FROM 2:15-2:30 TO DO STUDENT SURVEYS

- 1.) **VIDEO NOTES: O.J. Simpson**
- 2.) **Case Study 1, 2, 3: O.J. Simpson**
- 3.) Review O.J. Simpson Case Studies 1, 2, 3

Tues., Nov. 17

- 1.) **Video: O.J. Simpson Arrested**
- 2.) **Case Study: 4, 5: O.J. Simpson**

- 3.) Review O.J. Simpson Case Studies 4, 5

Wed., Nov. 18

- 1.) **VIDEO NOTES: Forensic Files: Small Town Terror, C.16**

<https://www.youtube.com/watch?v=RRqJjwP3VCU>

- 2.) **LAB ACTIVITY: Dental Impressions, C.15**

- 3.) **C.15 & 16 Word Test**

Thurs., Nov. 19

- 1.) Notes: C.16 Tool Marks
- 2.) **CHART: Tool Marks**

Fri., Nov. 20

- 3.) **CASE STUDY: Richard Crafts, C.16**
- 1.) **C.15 & 16 Study Check**
- 2.) Review C. 15 & 16 Study Check.
- 3.) **C. 15 & 16 Content Test – Casts & Impressions and Tool Marks**

NO SCHOOL - THANKSGIVING BREAK IS NOVEMBER 23-27

LAST DAY TO MAKE UP ANY WORK IS FRIDAY, DEC. 11

Mon., Nov. 30

- 1.) **VIDEO NOTES: Forensic Files: Scratching the Surface, C.17**
- 2.) MAKE UP ANY MISSING WORK

Tues., Dec. 1

- 1.) Review O.J. Simpson Case
- 2.) Review C.15 & 16 Study Check
- 3.) **C.15 & 16 Content Test**
- 4.) C. 17 Word Study & Index Card Given Out

Wed., Dec. 2

- 1.) Notes: Ballistics, C.17
- 2.) **CHART: Ballistics, C.17**
- 3.) **CASE STUDY: Washington D.C. Sniper, C.17**

Thurs., Dec. 3

- EOC - U.S. HISTORY EOC – NO BELLS – NO SCHEDULE CHANGE – NO BYOT***
- 1.) Review Case Study: Washington D.C. Sniper, C.17
 - 2.) **Chapter 17 Word Test – Ballistics**
 - 3.) **NOTEBOOK TEST 5 (Up to C.17)**

Fri., Dec. 4

- EOC - PHYSICAL SCIENCE EOC – NO BELLS – NO SCHEDULE CHANGE – NO BYOT***
- 1.) **LAB ACTIVITY: Dental Impressions**
 - 2.) **Case Study: Theodore Bundy, C.15**

TESTING SCHEDULE

LAST DAY TO MAKE UP ANY WORK IS FRIDAY, DEC. 11

Mon., Dec. 7

EOC – American Lit. Parts 1 & 2 – NO BELLS – NO SCHEDULE CHANGE – NO BYOT

Tues., Dec. 8

EOC – American Lit. Part 3 – NO BELLS – NO SCHEDULE CHANGE – NO BYOT

Wed., Dec. 9	<i>EOC – Analytic Geometry – NO BELLS – NO SCHEDULE CHANGE – NO BYOT EOPA – Law & Justice – 8:45 – 10:30 EOPA – Sports Medicine – 8:45 – 10:30 EOPA – Early Childhood Education – 12:30 – 1:45 EOPA – 3D Design – 12:30 – 1:45</i>
Thurs., Dec. 10	<i>EOC – Coordinate Algebra – NO BELLS – NO SCHEDULE CHANGE – NO BYOT EOPA – Culinary Arts – 8:45 – 10:30 EOPA – Allied Health – 8:45 – 10:30</i>
Fri., Dec. 11	<i>EOC – Economics – NO BELLS – NO SCHEDULE CHANGE – NO BYOT EOPA – Companion Animal – 8:45 – 10:30 EOPA – Vet. Science – 8:45 – 10:30</i>

Mon., Dec. 14	<i>Biology – NO BELLS – SCHEDULE CHANGE – 1ST Period – 8:15-8:20 – Take Roll – Testers Dismissed 2nd Period – 8:25-11:55ish (Until testing is finished)</i>
Tues., Dec. 15	<i>9TH Grade Literature Parts 1 & 2 – NO BELL – NO SCHEDULE CHANGE – NO BYOT</i>
Wed., Dec. 16	<i>TEST REVIEW</i>
Thurs., Dec. 17	<i>ALL 3RD & 4TH PERIOD STUDENTS TAKE FINAL EXAMS</i>
Fri., Dec. 18	<i>ALL 1ST & 2ND PERIOD STUDENTS TAKE FINAL EXAMS</i>