BTEC Level 3 Forensic Investigation - Reading List

- 1. Crime-fighting botanist takes down murderers using plants <u>Crime-fighting botanist</u> takes down murderers using plants | New Scientist
- 2. Forensic Science

by Dr Andrew R.W. Jackson & Dr Julie M. Jackson

3. Applied Science Textbook

this will be available in school

4. The Analysis of the Crime Scene

- 5. A Guide to Crime Scene Investigation: A Reference for Law Enforcement Training https://www.ncjrs.gov/pdffiles1/nij/200160.pdf
- **6.** Crime Scene Investigation by Simon Shawcross
- 7. Flies, maggots and methamphetamine: how insects can reveal drugs and poisons at crime scenes <u>Flies</u>, maggots and methamphetamine: how insects can reveal drugs and poisons at crime scenes (theconversation.com)
- 8. Modern forensics solves Stone Age murder mystery after 33,000 years <u>Modern</u> forensics solves Stone Age murder mystery after 33,000 years | New Scientist
- 9. How do police forensic scientists investigate a case? A clandestine gravesite recovery expert explains How do police forensic scientists investigate a case? A clandestine gravesite recovery expert explains (theconversation.com)
- **10.** The Killer of Little Shepherds: A True Crime Story and the Birth of Forensic Science by Douglas Starr
- 11. The Red Parts: Autobiography of a Trial

by Maggie Nelson

12.Killer in the Shadows: The Monstrous Crimes of Robert Napper by Laurence Alison & Marie Eyre

- **13.** Suspect Identities: A History of Fingerprinting and Criminal Identification by Simon A. Cole
- 14.Forensic breakthrough helps explain how innocent people's clothing fibres could end up at crime scenes Forensic breakthrough helps explain how innocent people's clothing fibres could end up at crime scenes (theconversation.com)
- **15.**Bacteria could identify month-old suspicious stains at crime scenes <u>Bacteria could</u> identify month-old suspicious stains at crime scenes | New Scientist

TEXTBOOKS:

1. Forensic Science

by Dr Andrew R.W. Jackson & Dr Julie M. Jackson

2. Applied Science Textbook

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DOCUMENTARIES:

1. BBC Four: Catching History's Criminals: The Forensics Story

BBC Four - Catching History's Criminals: The Forensics Story

2. BBC Two: Forensics: The Real CSI

BBC Two - Forensics: The Real CSI

3. This page has some links to Forensic Science documentaries

www.forensicsciencetechnician.org/50-fascinating-documentaries-for- forensics-science-junkies

WEBSITE LINKS:

1. Qualification Specification

https://qualifications.pearson.com/content/dam/pdf/BTEC- Nationals/Forensics-and-Criminology/2017/Specification/BTEC-Nat-FDip-ForSci- Spec.pdf

2. College of Policing

https://www.app.college.police.uk/app-content/investigations/forensics/

3. Forensic Science Simplified

http://www.forensicsciencesimplified.org

4. The Forensic Library

https://aboutforensics.co.uk/crime-scenes/

5. The Analysis of the Crime Scene

https://uk.sagepub.com/sites/default/files/upm-

binaries/24001_5The_Analysis_of_the_Crime_Scene.pdf

6. A Guide to Crime Scene Investigation: A Reference for Law Enforcement Training https://www.ncjrs.gov/pdffiles1/nij/200160.pdf

7. British Academy of Forensic Science

https://www.bafs.org.uk/index.php/about-bafs/forensic-sciences

8. Information on Forensic Chemistry

http://www.chemistryexplained.com/Fe-Ge/Forensic-Chemistry.html

http://www.forensicsciencesimplified.org/drugs/DrugChemistry.pdf

9. The Forensics of Blood

 $\frac{https://lindblomeagles.org/ourpages/auto/2013/11/16/48289636/The \%20 Foresics \%20 of \%20 Blood \%20 Article.pdf$

http://www.forensicsciencesimplified.org/blood/BloodstainPatterns.pdf

10.Information on Fingerprint Analysis

https://www.crimemuseum.org/crime-library/forensic- investigation/fingerprints/ http://www.forensicsciencesimplified.org/prints/Fingerprints.pdf

11. Preservation of Crime Scenes

https://www.crime-scene-investigator.net/evidenc1.html
http://www.forensicsciencesimplified.org/csi/CrimeSceneInvestigation.pdf

12. Types of Forensic Techniques

https://sciencing.com/list-forensics-techniques-6392795.html

13.Information on Forensic Genetic Testing

https://www.wired.com/story/what-is-genetic-testing/ http://www.forensicsciencesimplified.org/dna/DNA.pdf

14.Information on Forensic Toxicology

http://www.forensicsciencesimplified.org/tox/Toxicology.pdf

15. Further reading on Forensic Science aspects and techniques

http://www.forensicsciencesimplified.org

HELP: suggested resources for research

- www.crime-scene-investigator.net/csi-collection.html
- www.exploreforensics.co.uk/CollectingEvidenceCategory.html
- www.hse.gov.uk
- www.csofs.org
- www.app.college.police.uk/app-content/investigations/investigative- strategies/search-2
- www.forensicsciencesimplified.org

Further useful resources may be found at:

http://qualifications.pearson.com/en/support/published-resources.html#step1



