

Forensic Science History Timeline Project Worksheet

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| <ul style="list-style-type: none">a. William Nicholb. His Duan Yuc. Walter Spechtd. Federal Rules of Evidence (FRE)e. Theodore Roosevelt | <ul style="list-style-type: none">a. Daubert vs. Merrell Dowb. New York vs. Castroc. Frye vs. United Statesd. National Integrated Ballistics Information Network (NIBIN)e. Alec Jeffreys |
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| ___ 1. established the FBI | |
| ___ 2. developed the chemiluminescent reagent luminol | |
| ___ 3. discovered that each person has unique DNA, called DNA Fingerprinting | |
| ___ 4. invented the polarizing light microscope | |
| ___ 5. organization established to facilitate the exchange of firearms data between Drugfire and IBIS | |
| ___ 6. evidence has to be relevant to the case, not prejudiced, and not hearsay before the evidence can be admitted into a court of law | |
| ___ 7. Chinese book that described the difference between drowning and strangulation | |
| ___ 8. first case where DNA was excluded as evidence because of poor handling | |
| ___ 9. relaxed the Frye standard | |
| ___ 10. case that developed concept of general acceptance of scientific techniques | |
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| <ul style="list-style-type: none">a. Integrated Ballistics Identification Systemb. anthropometryc. Henry Goddardd. Drugfiree. Hans Grossa. Automated Fingerprint Identification System | <ul style="list-style-type: none">b. Alphonse Bertillonc. Dr. Karl Landsteinerd. Edmond Locarde. Schonbeina. Alexandre Lacassagneb. John Toms |
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| ___ 11. first used bullet comparison to catch a murderer based on a visible flaw in the bullet | |
| ___ 12. founder of modern forensic science; first tried to individualize bullets to a gun barrel based on the number of lands and grooves | |
| ___ 13. the ATF's system for bullet and cartridge cases comparison | |
| ___ 14. discovered that blood cells fall into groups (blood typing) | |
| ___ 15. first computerized scans of fingerprints | |
| ___ 16. came up with anthropometry | |
| ___ 17. systematic procedure for taking a series of body measurements as a means of distinguishing one individual from another | |
| ___ 18. published the first textbook, <u>Criminal Investigation</u> , coined the word criminalistics | |
| ___ 19. first suggested 12 matching points as a positive fingerprint identification, also came up with the exchange principle | |
| ___ 20. first to discover the ability of hemoglobin to oxidize hydrogen peroxide making it foam | |
| ___ 21. Convicted of murder on the basis of the torn edge of newspaper in a pistol matching a remaining piece in his pocket | |
| ___ 22. the FBI's system for bullet and cartridge cases comparison | |