

Forensic Science History Timeline Project Worksheet

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| a. William Nichol | a. Daubert vs. Merrell Dow |
| b. His Duan Yu | b. New York vs. Castro |
| c. Walter Specht | c. Frye vs. United States |
| d. Federal Rules of Evidence (FRE) | d. National Integrated Ballistics Information Network (NIBIN) |
| e. Theodore Roosevelt | 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

a. Integrated Ballistics Identification System	b. Alphonse Bertillon
b. anthropometry	c. Dr. Karl Landsteiner
c. Henry Goddard	d. Edmond Locard
d. Drugfire	e. Schonbein
e. Hans Gross	a. Alexandre Lacassagne
a. Automated Fingerprint Identification System	b. John Toms
 - ___ 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, Criminal Investigation, 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