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### How Forensics Evolved Over Time with the Use of Technology

The early days of forensic science was very frustrating because of the lack of options. Therefore, it had been harder to find out who committed a crime, or at least it took longer to find a suspect. When DNA analysis was first introduced, it helped to solve crimes much faster. Furthermore, the results have become more accurate.

Forensic science significantly changed over the years. Here is a detailed timeline.

- ✓ 1248 was the year of the first written evidence of forensic science we know of—the difference between death by drowning and death by strangulation was established
- ✓ in 1598, doctor Fortunatus Fidelis was the first one to start practicing modern forensic medicine
- ✓ in 1854, photography was first used to identify criminals
- ✓ modern fingerprint identification technology began to develop in 1880
- ✓ in 1921, the first lie detector was created
- ✓ the first crime laboratory in a police department was created in 1923
- ✓ the American Academy of Forensic Sciences was founded in 1948
- ✓ in 1996, it was officially announced that there is no reason to doubt the results of DNA evidence.

In addition, it is also important to mention a few breakthroughs that have happened in the field of forensic science. The first one to highlight is the creation of LABRADOR: Light-weight Analyzer for Buried Remains and Decomposition Odor Recognition. This program has proven to be highly useful in cases that involve missing person reports (Forensic Science Degree). Chemical forensics helps

to determine the source of impurities within chemicals the results of which, in their turn, might prevent terrorist attacks. Speaking about forensic ballistics, a lot of progress has been made due to the usage of 3D imaging technology. Apart from that, the use of alternative light photography can help a nurse take care of a patient, as well as preserve the integrity of evidence (Forensic Colleges).

Taking everything into account, the use of technology has helped to develop the field of forensic science in many ways. As a result, it has become possible to find criminals faster in order to make sure they get the punishment they deserve. One thing is clear: technological advances will help make the area of forensic science even more accurate as newer and newer ways of gathering important evidence will be introduced in the near future. Thus, it will help fight crime. What is more, having such advanced methods within the field of forensic science may even prevent criminals from doing any harm, as they will be caught sooner or later. To sum up, forensic science has drastically evolved over time due to the active use of technology.

Works Cited

“How Technology Has Shaped Forensic Science.” *Forensic Science Degree*, 15 Jan. 2015,

[www.forensicsciencedegree.org/how-technology-has-shaped-forensic-science/](http://www.forensicsciencedegree.org/how-technology-has-shaped-forensic-science/).

“10 Modern Forensic Technologies Used Today.” *Forensics Colleges*,

[www.forensicscolleges.com/blog/resources/10-modern-forensic-science-technologies](http://www.forensicscolleges.com/blog/resources/10-modern-forensic-science-technologies).