

Complete this worksheet as you watch the video.

1. The job of the Forensic Science Unit is to collect \_\_\_\_\_ evidence.
2. To document a tire track, it is first \_\_\_\_\_ and then \_\_\_\_\_ are made using dental cement that is poured into a metal form.
3. Investigators use a high-powered \_\_\_\_\_ to trace the path to the victim. The light shines at \_\_\_\_\_ that cause materials to fluoresce and \_\_\_\_\_ goggles help make evidence stand out sharply.
4. Evidence that is collected at a crime scene is sent to the Department of Law Enforcement and is analyzed by a \_\_\_\_\_, who goes through the debris that is collected at a crime scene.
5. \_\_\_\_\_ fibers are valuable clues because they can link suspects to a specific location.
6. The tire track expert studies the photographs taken at the crime scene to examine the tread \_\_\_\_\_ to determine what kind of vehicle uses that kind of a tire.
7. Tire treads are made up of geometric shapes called \_\_\_\_\_. The key to tire identification is to match differences in pitches. They also examine tiny cuts on the surface called \_\_\_\_\_ that were molded into the tire by small metal teeth.
8. The final pieces of \_\_\_\_\_ needed for an airtight case was obtained by investigators offering a dog bathing service. During the bath, investigators gathered some dog \_\_\_\_\_ and also got carpet \_\_\_\_\_ from the living room, which matched those found at the crime scenes.
9. Forensic science has become one of the justice system's most powerful \_\_\_\_\_, but can do great harm if they are misused. In one case, hairs from a crime scene lead to the \_\_\_\_\_ of an innocent man.
10. Hairs are not distinct enough to be linked to an \_\_\_\_\_. They most investigators could ever say are that "hairs could have come from the same \_\_\_\_\_", but can never say that hairs come from a given individual.

| Word Bank    |
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| Carpet       |
| Casts        |
| Chemist      |
| Conviction   |
| Evidence     |
| Fibers       |
| Hair         |
| Individual   |
| Light        |
| Orange       |
| Pattern      |
| Photographed |
| Physical     |
| Pitches      |
| Sites        |
| Source       |
| Tools        |
| Wavelengths  |