## Fibers as Trace Evidence

• Fibers are!	
As you interact with others or the environment, fibers become to your boand clothes, into the environment from your clothing, etc.	dy
***What principle is this demonstrating?***	
What is a fiber???  Fiber = the smallest unit of a textile material that has a many times greate than its	r
Fibers can be classified as:  1- occurring = found in nature (plants and animals) and not greatly altered in product Examples:	ion
2- <u>or man-made</u> = originate from natural materials such as cotton or wood and under go much processing ( containing) (first man-made fiber),	1
3- <u>Synthetic</u> = manufactured from synthesized compounds (non-cellulose containingExamples:	ıg)
<ul> <li>Fibers as Evidence</li> <li>A fiber can be spun with other fibers to form a that can be woven or knitted to for a fabric.</li> </ul>	orm
• The and of fiber used, the type of method, and the tof construction all affect the transfer of fibers and the significance of fiber associations. This becomes very important when there is a possibility of fiber between a suspect and a victim during the commission of a crime.	ype
<ul> <li>Fibers are everywhere</li> <li>Most textiles are produced thus it is to trace a fiber to a specific sou</li> <li>Fibers can still be useful to create among victims, suspects, and places.</li> <li>***What type of evidence do we call this????***</li> </ul>	rce
<ul> <li>Interesting Points on Fibers</li> <li> fibers are the plant fibers most commonly used in textile materials.</li> <li>The animal fiber most frequently used in the production of textile materials is, a the most common wool fibers originate from sheep.</li> <li>More than of all fibers used in the production of textile materials are</li> </ul>	
How can forensic scientists examine trace evidence?  • Compare	
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using m	