

Name: _____ Date: _____ Period: _____ ID: _____
Mr. Beatty Forensics

Fiber WebQuest

Use the following website to help you answer this webquest: <http://www.fbi.gov/about-us/lab/forensic-science-communications/fsc/july2000/deedric1.htm/deedric3.htm>

1. What factors determine whether fibers are transferred or detected at the scene of a crime?
2. What features might a forensic examiner look for in fibers found at the scene?
3. Will fiber evidence always be left behind when fabrics and textile materials come into contact during commission of a crime?
4. What factors influence your previous answer?
5. Where do natural fibers come from? Give some examples of the two main types.
6. What would increase the probative value of natural fiber evidence?
7. What are the two most common types of man-made fibers? Give examples of each.
8. How is color or dye of fabrics useful to investigators?
9. How can a scanning electron microscope (SEM) be useful for forensic investigators in analysis of fibers?
10. Complete this statement: The greater the number of suspect fibers found on a victim's clothing...
11. What else can influence the significance of fiber evidence?
12. What can investigators tell about the age of fibers or fabrics found at a crime scene?

