



**High School Science Virtual Learning**

**Forensic Science**

**Fibers**

**May 20, 2020**



## High School Forensic Science Lesson: May 20, 2020

### **Objective/Learning Target:**

**Students will be able to analyze fibers and identify the various components that make up the structure of various types fibers.**



1. What is a fiber?

2. Fibers are what kind of evidence? Why?

1. A fiber is a fine hair-like structure that is either natural or man-made.
2. Class evidence because they are mass produced.



# Lesson Activity:

**Directions:** View the following presentation and follow along with the handout provided. Watch the video to also provide you with additional information about hair.

**Link(s):**

Presentation: [Fibers](#)

Handout: [Fibers](#)

Video: [Hair and Fiber Evidence](#)



# Practice

You will use the information from the activity to answer the following questions.

## Practice Questions

1. What is the first step in matching a fiber to a location?
2. What tools are used to collect fiber evidence in small areas?
3. What containers should we use to store fiber evidence?
4. What is the most frequent animal fiber?
5. Provide at least two examples of manufactured fibers?



# Answer Key

Once you have completed the practice questions check with the work.

1. Fiber Color
2. Forceps or sticky tape
3. A paper bindle and then in a coin envelope.
4. Wool
5. Nylon, rayon, and polyester





# Additional Practice

[Hair and Fiber Review Sheet](#)

[Fibers](#)