

Virtual Field Trip: Inside the Crime Lab  
(From GVL)

Go to: <http://www.trutv.com/forensics/lab/>

At this site you will take a virtual tour of a forensics laboratory and learn about the different specialty rooms. Each room offers a video explanation by a forensic scientist and a slide show. Some rooms offer videos demonstrating different forensic techniques. You may wish to add this link to your favorites and return to it periodically during the course.

As you explore the lab, answer the following questions in a DIFFERENT COLOR.

**Floor 1**

1. Complete the table by viewing the slideshow for each room and reading the information.

Room	Summary

2. Click on the microscope in the fingerprinting room and watch the demonstration.
- a. What does the dust adhere to?
  - b. Describe how the fingerprints are “lifted” from the beaker.
3. Click on the scientist in the bite marks room and answer the following.
- a. Explain the earliest example of dental evidence being used.
  - b. How are bite marks used?

**Floor 2**

4. Complete the table by viewing the slideshow for each room and reading the information.

Room	Summary

5. Click on the microscope in the firearms comparison room and watch the demonstration.
- a. What does the comparison microscope allow the scientist to do?
  - b. What does the term “full metal jacket” refer to?
  - c. What makes the striations on the bullets?
  - d. What 3 things affect the dispersion pattern of a shotgun at different distances?
6. Click on the scientist in the ritualistic behavior room and answer the following.
- a. What types of behaviors are cited as having investigative value?

### Floor 3

7. Complete the table by viewing the slideshow for each room and reading the information.

Room	Summary

8. Click on the microscope in the presence of blood room and watch the demonstration.
  - a. What is chemiluminescence?
9. Click on the scientist in the accelerant room and answer the following.
  - a. What does pyrolyzed mean?
  - b. What techniques can be used to test for accelerants?