

*“There was blood
and hair
everywhere”*

The advanced forensics class will focus on solving fictitious crimes. Using basic techniques learned in the introductory class, advanced students will employ newly mastered methods.

Additional analysis will be introduced including powder analysis, blood typing, crime scene photography, ballistics, crime scene inventory techniques, handwriting analysis, and hair/fiber analysis.



The CSI camps are usually filled very quickly because students are so engaged with learning forensics. In fact, the advanced and super advanced camps were created to satisfy student demand.

“I learned so much about actual crime scene investigation, I can't wait to take the advanced class in 2007!-Sarah.



“I think what made this class so much fun was that we were using science that I know I will use some day. I want to work in forensics, so this class is perfect. And we didn't have any tests or homework! -Nichole.

Cost for this academic camp is \$99.00. Fee covers all needed supplies and instructional materials, classroom space, and computer lab.

Registration is on a first come-first served basis.

You must have taken one of Mr. Jefferson's introductory forensics classes in order to enroll in the advanced class.

Class is limited to 15 students.

Make checks payable to TRJHS

Advanced Crime Scene Investigation

July 26-29, 2010

8am-12 Noon
Monday-Thursday

A seminar for graduates
of the introductory class.

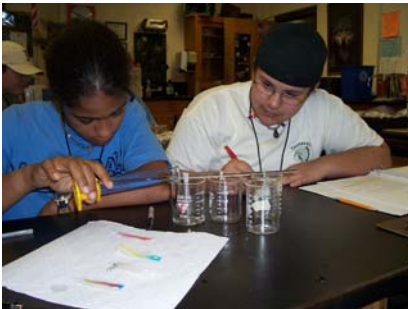


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It is unmistakable that popular new forensic science shows like Crime Scene Investigation (CSI) and Forensic Files are resonating with students, especially those at the middle and high school level. Science teachers are capitalizing on this interest and using it to immerse students in science learning. It's helping students discover how science is related to the real world and how science can be used to solve problems.

Students have indicated a strong desire to learn about forensic science and this academic camp will help to quench that thirst for knowledge.



What is Forensic Science and how can it be used in the classroom?

Forensic Science is the application of the scientific method to solving mysteries. Forensic scientists draw on skills from a number of disciplines in order to gather evidence and draw conclusions about an event. Teachers may use the subject of forensic science to stimulate interest in the various disciplines of science among their students. The discipline is particularly useful in the classroom because it emphasizes hands-on learning and gives students the opportunity to develop their reasoning skills.

Good forensic scientists integrate a variety of skills to catch the perpetrators. They must be critical thinkers, must know how to analyze data, and must learn from crimes in the past. They must be able to research on their own, write technically for their colleagues, and communicate clearly to jurors and judges. They must be organized, careful, and willing to collaborate with others. Science, math, reading comprehension, and writing--these are all fundamental components of successful crime solving.

How will the advanced class differ from the introductory class?

The advanced class will emphasize the use of techniques learned in the introductory class.

Advanced students will conduct a lab on powder analysis and apply it to toxicology, as well as extract DNA from a biological source. The collected DNA will be then be analyzed using a microscope.

Students will also unearth several biological specimens that have been decomposing in a burial plot for several months.



Students excavate a "corpse" burial site.