



Museum Mystery
4th-5th grade UMNH summer camp
August 3 – 7, 8:30 am – 4:30 pm

Dear Parents,

This flyer is to give you an outline of the Discovery Class that your child is enrolled in as well as additional information and resources on **Forensic Science** so that you can continue the learning experience at home. These outlines will be followed as closely as possible. **Remember that we are asking you to come early on Friday.**

Monday: We'll begin the week getting to know one another as well as finding out about our week ahead. We'll begin our Detective Notebooks by mapping the crime scene (and what a crime scene it is!). We'll analyze fingerprints (our own and those left by the perp) and collect any other evidence left at the crime scene. We'll end the day creating tooth impressions and working with microbes and decoding a secret code.

Tuesday: Today campers will work with mystery powders and water drop magnifiers, interview witnesses, extract pea DNA and investigate shoe prints. Campers will try to figure out if the blood left at the scene is real or fake using the Kastle-Meyer test.

Wednesday: We'll begin the day investigating DNA and electrophoresis. We'll create hidden messages, listen through doors, create plaster cast footprints, and we'll discover what Dirty Dave is up to. Campers will also check on their microbes and decode their hidden messages.

Thursday: Campers will investigate their own and other campers' handwriting, participate in ink chromatography, create more tricky tools, and again check on the microbes. In addition, campers will complete an artificial urinalysis, get into a hairy situation and conduct flame tests to find out what an object is made of chemically. We'll also get to go on a field trip to the SL Crime Lab.

Friday: For our last day, we'll get together as a class and try to figure out whudunnit by reviewing all of our evidence and our list of suspects. Parents, you're the jury for this afternoon. We'd love for you to come at 4:00 pm so that campers can present you their evidence.

Websites on detectives and super sleuthing:

- <http://pbskids.org/historydetectives/printables/notebook/index.html>
- <http://www.hometrainingtools.com/articles/forensic-science-projects.html>
- http://pbskids.org/dragonflytv/parentsteachers/tguide_forensics.html
- <http://homeschooling.gomilpitas.com/explore/crimescene.htm>
- <http://www.readyed.com.au/urls/events/forensic.htm>
- <http://www.learninghaven.com/articles/forensic-science.html>

THANK YOU for registering your child in our Summer Camp program!
For information on camps that still have space available, visit us at
www.umnh.utah.edu/summer.

If you have questions or comments concerning our Summer Camp program, or any Museum program, please contact the Coordinator at (801) 585-3948 or e-mail her at scampbell@umnh.utah.edu