





# **CRIME SCENE INVESTIGATION** Descriptions for Each Activity

## DNA Molecule Structure Building

This activity is a game where kids try to create 3D structures from mini marshmallows and tooth picks. The birthday child does the judging, and a prize is awarded. This activity is educational and fun *for all ages*.

#### Fun with Fingerprinting

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This activity allows the participants to create a fingerprint card and learn about the techniques for lifting prints. This activity is educational and <u>for all ages</u>.

## **Mystery Powders**

This activity is based on the forensic laboratory work that is done to identify unknown substances. Using chemistry and the knowledge of properties, participants will experiment with unknown substances to try to find out what they are. This activity is educational and <u>geared more toward older participants</u>.

## Without a Trace

This activity introduces the participants to the world of trace evidence. Participants will examine trace evidence and apply forensic lab techniques to identify unknown samples. This activity is educational and <u>geared more toward older participants</u>.

## Footprint Follies

This activity introduces the participants to the world of shoe prints and impressions. Participants will make and cast shoe impressions to take home. This activity is educational, *for all ages*, and involves a science talk on trace evidence.

## **Baffling Blood**

This activity illustrates the physics behind the blood spatter world. Using pretend blood, participants will experiment with changing blood spatter patterns that correlate with changing distance and direction. This activity is educational and geared more toward older participants.

## Freaky Forensics

This activity explores the world of Forensic Entomology. Participants will learn how bugs play a big part in the crime scene world while making take home bug habitats to use to study bugs. This activity is educational, <u>for all ages</u>, and involves a talk on applying biology to the crime scene.