**Blood Spatter Assessment 2020 Due Friday, 12/11/20**

**Description:** Blood spatter analysis is often used to interpret what occurred at a crime scene. An investigator can often examine the patterns at a crime scene to determine the sequence of events, number of blows, location and movement of victim and suspect(s). In this project, you will create a crime scene illustrating blood spatter patterns. You may work alone or with a group of up to 4 people.

**START with a PLAN**! Decide what type of crime scene to illustrate, decide what type of weapon(s) (to match type of spatter), how many victims/suspects and where this crime will take place. Come up with a visual way to show your crime scene. You can create something that includes all of the below and does not need to be presented live or you can create something then explain during class.

**Some ideas:**

Shoebox crime scene

Cartoon/Comic

Storybook

Minecraft

Detailed poster

Video

Legos

**You must include the following in your project:**

* What happened during the crime? Tell the story. Give details. You can do this live in class while pointing everything out on what you make, on video, or in writing depending on what format you choose to do. (40 pts)
* The final resting place of the victim(s) (1 pt)
* Cause of death (strangulation, shooting, blunt for trauma for example) (2 pts)
* Weapon(s) used (2 pts)
* At least 5 pieces of furniture or reference points (this could be doors, windows, bed, dresser, nightstand, couch, end table, coffee table, rug, tree) (1 pt each)
* At least 5 different spatter patterns: (5 pts each)

drips, trails, flows, pooling, forward spatter, back spatter, medium velocity, low velocity, high velocity, skeletonization, wipes, swipes or contact, cast off, arterial spurting, voids

The five patterns must be labeled as if collecting evidence at a crime scene (i.e. 1-5)

You will need to explain what the 5 patterns are, how they were formed, what you can learn from them as a forensic scientist.

* Include 3 different pieces of evidence that are not blood spatter such as fingerprints, hair, fibers, glass, gun, etc. Explain how each piece of evidence is processed and how it ties to the victim or suspect. (5 pts each)
* 10 pts for neatness, creativity, effort shown I know we are at the end of the semester but I am giving you a great deal of class time to complete this and I should see that the time has been used wisely. Provide details!

**Have fun with it!**