**What a bloody mess!**

**Things you need to either try or witness today:**

Dripping multiple drops of blood on the same spot.

* What happens as you keep adding drops?
* What would you look for at a crime scene that would let you know that a pool of blood came from a steady drip instead blood that spilled all at once?

Dripping while walking, running, skipping, stumbling….

* Can YOU tell the difference?
* Can YOU tell which direction the person was going?
* What did you notice about the size and shape of the droplets as you increased your walking speed?
* What did you notice about the distance between the droplets as you increased your walking speed?
* Play around with various scenarios.

Low to Medium Velocity- blood in hand – slap hand with other hand facing paper

* Try different angles – Play

High Velocity – tooth brush covered in blood – run finger over brush facing paper OR use spray bottle

* Try different distances
* Put something in front of you and the paper and spray blood. Can you see a void?

Arterial Spray – syringe filled with blood aimed at paper

* What can you tell from the spray?

Cast Off

* Dip the “knife” in blood and fling blood (Be careful to fling at paper, not people!)
* Can YOU determine directionality?
* Can YOU determine how many times the knife was swung?

Swipe and Wipe

* Wipe your hand, paper towel, pencil, or whatever through some blood.
* Swipe a bloody hand or paper towel across paper.
* How do they compare?