Blood Splatter

Lea R, Jamal D & Christian P

3. What do I have to do to get the students to know and be able to do?

• Introduce the lesson—the scene has blood drops.
• Goal of lesson—to understand the relationship between the height blood was dropped and the size of the drop.
• Demonstrate the experiment—Hold the meter stick in one hand and the dropper with fake blood in it next to the meter stick. Squeeze the dropper to get drops to fall onto the paper. Show them the calipers or small ruler. Put the sheet of paper with blood drops on the Elmo projection device. Place the calipers or ruler next to the drop and ask them to help measure the diameter of the drop. Show the data chart on the Elmo. Record our practice data as an example. Tell them that we will help them plot a graph later.
• Run the experiment—Have the kids work in small groups of 2 or 3 per CATs Scholar. When data is collected, have CATs scholar help the kids plot the graphs.
• Follow-up—Discuss the experiment and ask what was observed. Also ask about the relationship between height and drop size. Can anyone determine the height of the “offender” in our scene?