

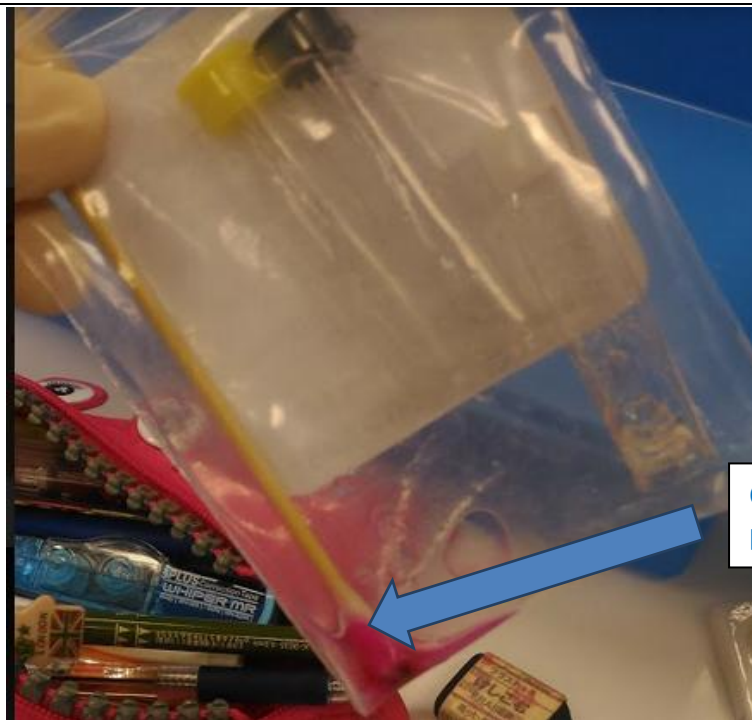
LWL Sharing (5C)

CAI JINGER



This is a picture of a bloodstain pattern. By the calculation of the angle of impact and point of convergence, we can know where the murder happened. And I guess it is an arterial spurting pattern.

CHAN WAI YAN



Colorless to bright pink

It is called Kastle-Meyer Test and we add ethanol so as to increase the sensitivity. Then add some KM reagent and thus the phenolphthalin. It shows a sharp color change.

CHAN WING LAM



It is a phenolphthalein test which is used to find out whether the sample is blood or not. The positive result is the cotton wool turns bright pink in colour.

CHEUK HOK FAN



**PHENOLPHTHALEIN
PRESUMPTIVE BLOOD TEST**

1. PLACE SAMPLE (CUTTING, THREAD, WIPING, OR SWAB) INTO CORNER OF BAG
2. CRUSH YELLOW-CODED VIAL, MIX FOR 1 SECOND.
3. CRUSH BLACK-CODED VIAL, MIX FOR 1 SECOND
4. CRUSH CLEAR-CODED VIAL, MIX FOR 1 SECOND

POSITIVE: BRIGHT PINK COLOR

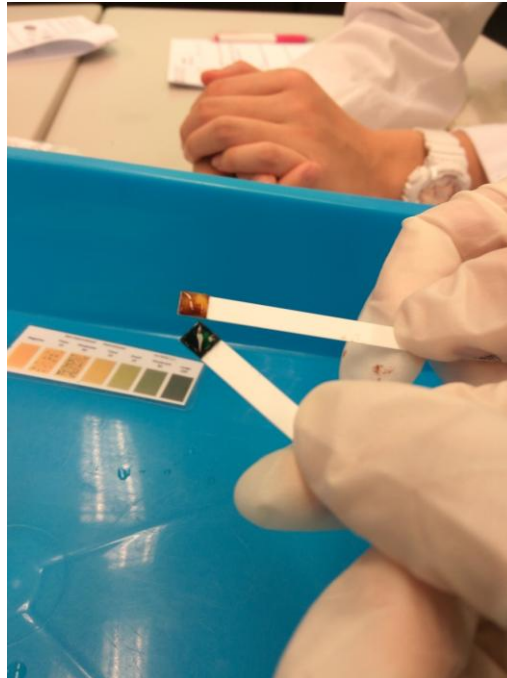
CAUTION: STRONG BASE

HO KA LONG



It was my first time to watch the luminol test which often used by police to investigate the case. I felt amused when I first watch this.

HUI KA MAN



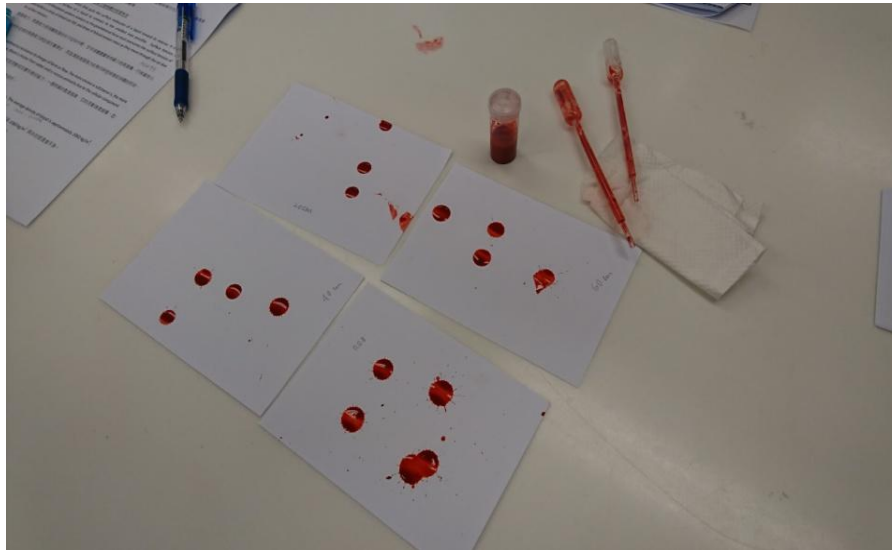
Hemastix test: utilized for the detection of occult blood in urine. The test strip turns from yellow to dark blue when the result is positive.

LAI WING MAN



This photo shows a presumptive testing in identification of blood. The right one with purple in colour reflects positive result.

LEE SIN NI



This is a photo of several stain of artificial blood dropped from different heights.

LEUNG WING HEI



Luminol reacts with iron in haemoglobin, with hydrogen peroxide as catalyst. Blue light can be clearly seen. Luminol test is very useful in crime scene.

LI WAI KI



We are trying to carry out presumptive test to distinguish which one belongs to human blood. The colour will change from colourless to bright pink if the result is positive.

NG KA YAN



Blood from different heights and different angles will result in different shape! This help to determine the directions and distance of the incident happened.

SO SUNG TIN ELLIOT



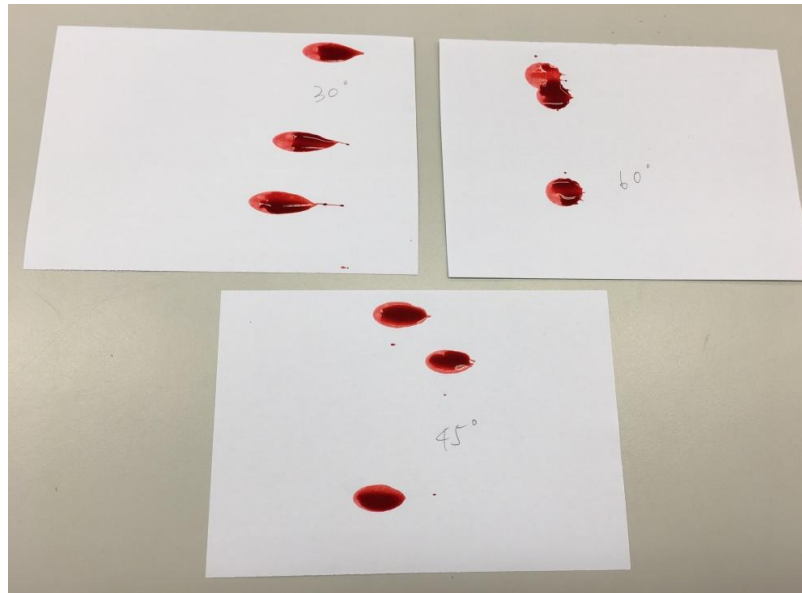
By analyzing the bloodstain pattern, we can predict a lot of information of the accident, such as the height and direction. From the above figure, we can study the shape of the bloodstain to know the direction and even the degree that where the blood is travelled from.

TAM KA YI



I am impressed by the workshop on bloodstained evidence. It is fascinating that the blood looks different if it is dropped at different angles or heights.

TAM SZE MAN



Forensic serology is something new to me. The picture above is a test on how the angle of impact can affect the shape of blood droplet. We can conclude that the smaller the angle of impact, the more the blood droplet to be elongated in shape.

WONG HOI BUN



Luminol Test is one kind of blood presumptive testing. First luminol and hydrogen peroxide are added respectively. When blood is detected, we can see shiny blue color appeared.

YIP YEE CHING CHERRY



This is the first experiment about indicating if the liquid is blood. The result shown in the photo is a positive one which means the sample tested is blood. The sample is a kind of artificial blood which is pretending to have similar components of organisms' blood. The positive results will show a colour change from green to pink.