

Accident or homicide?

Materials needed:

- Water
- Cell phone or camera (optional)

A shooting victim stumbled out of a small office and later died at the hospital.

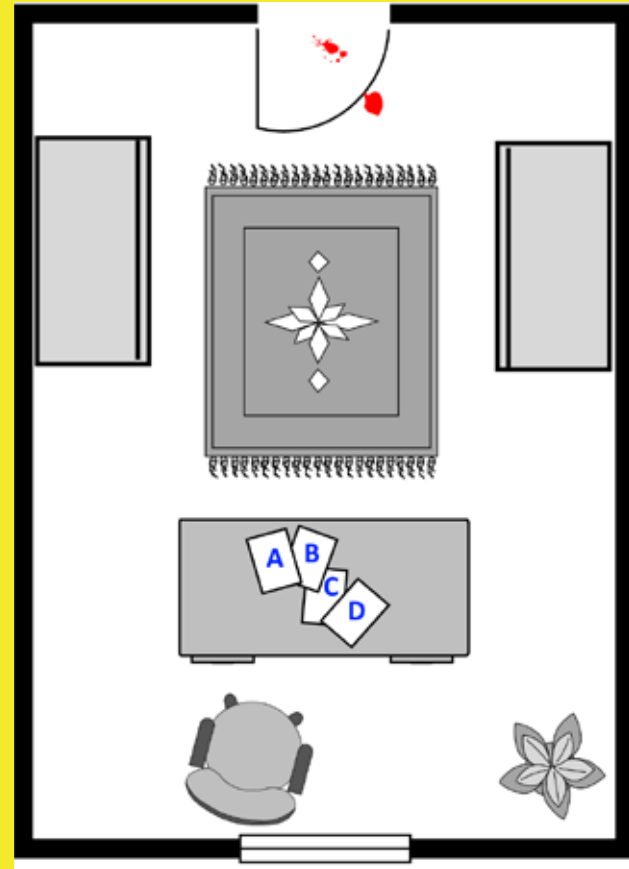
The suspect claims the two struggled for the gun near the door where the victim's blood was found.

Investigators believe the suspect was standing behind the desk and shot the victim, who was standing in the doorway.

Your job is to test some pieces of paper taken into evidence from the top of the suspect's desk for the presence of lead.

Your findings could help prove where the shooter was when the weapon was fired.

1. Put on the nitrile gloves.
2. Follow the directions on the Forenstix–Lead package to test papers A, B, C, and D.



Insta-famous?

Collaborate with other ForensiKit users.

Share the results of your GSR test and what you think they suggest about the crime, and find out what others determined.

- Share your Forenstix–Lead test photos on Instagram with the hashtag #forensikitGSR

Visit <https://forensikit.com/gunshot-evidence/> for an activity using the spent cartridges included in your ForensiKit.

- Share your cartridge analysis photos on Instagram with the hashtag #forensikitCARTRIDGE

Your photos will be displayed at forensikit.com as examples for other ForensiKit users.



#forensikitGSR



#forensikitCARTRIDGE

Did You Know?

In 1933, Teodoro Gonzalez of the Mexico City Police Lab introduced the dermal nitrate or paraffin test to detect gunshot residue on a person's hands. A cutting-edge technique in its time, it has since been replaced with more modern tests.

A positive test for gunshot residue (GSR) can mean that the tested person

- may have fired a weapon
- may have been nearby when a weapon was fired
- may have touched someone or something that had GSR on it

A negative GSR test can mean that the tested person

- was not present when a weapon was fired
- was too far away when the weapon was fired for GSR to get on them
- has accidentally or intentionally removed any GSR that landed on them

Firearms leave unique markings on the cartridges they fire. Spent cartridges recovered at a crime scene can be compared with test-fired cartridges to determine if they were fired by the same weapon.

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