

Forensic Science on the Net
CHIN – Interactive Investigator

Name _____

You will need to use the **CHIN – Interactive Investigator** website to complete this page.
The Science Spot → *Kid Zone* → *Forensic Science* → Look in the *Mysteries & More* section for the link.

1. Read the information on the “Arriving at the Scene” page and summarize the key points below.

What happened? _____

Is foul play suspected? Explain. _____

Do police have any possible motives? _____

2. Read the information on the “Places of Interest” page and then describe each suspect in the space below.

#1 - _____

#2 - _____

#3 - _____

3. Investigate the three Places of Interest using the links at the bottom of the page. Fill in the chart with the four clues you found at each location and how it can be used to solve the crime.

NOTE: You will have to send all evidence to the lab or visit the police station and answer any questions that are asked before you can solve the crime.

Point of Entry

Evidence (Clue)	How can it be used to solve the crime?

Place of Struggle

Evidence (Clue)	How can it be used to solve the crime?

Place of Murder

Evidence (Clue)	How can it be used to solve the crime?

4. My Score = _____ out of 12 POSSIBLE

5. After you have answered all 12 questions, you need to return to the MAIN page and find the link for “END” at the bottom of the page. If you cannot see the link, then you do not have all the questions answered. Click the link to continue on this case.

6. Read the information presented on the “Discussing the Case” page.

7. Review each detective’s interpretation of events **BEFORE CLICKING A LINK TO SHOW YOUR DECISION.** Which detective do you agree with? Why?

Detective _____ thinks that _____ did the crime because _____

Detective _____ thinks that _____ did the crime because _____

I think that Detective _____ is correct.

8. Click on the link for the detective you think is right. Were you correct? _____

Done? Turn in your paper and then you may visit any of the other links on the FORENSIC SCIENCE page!

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ANSWER KEY

You will need to use the **CHIN – Interactive Investigator** website to complete this page.
The Science Spot → *Kid Zone* → *Forensic Science* → Look in the *Mysteries & More* section for the link.

1. Read the information on the “Arriving at the Scene” page and summarize the key points below.

What happened? A person was murdered.

Is foul play suspected? Explain. Yes, evidence of a struggle was found at the scene.

Do police have any possible motives? Yes, police believe it may have been a crime of passion (jealousy).

2. Read the information on the “Places of Interest” page and then describe each suspect in the space below.

#1- One was a pretty blond woman that arrived at the home around 1:00 pm and stayed for about an hour.

#2 - A red-headed woman who arrived at 4:00 pm and stormed out of the house about 15 minutes later.

#3 - A “strange looking man” who was seen walking in front of the victim’s home around 10:15 pm.

3. Investigate the three Places of Interest using the links at the bottom of the page. Fill in the chart with the four clues you found at each location and how it can be used to solve the crime. BE SURE TO SEND ALL EVIDENCE TO THE LAB OR VISIT THE POLICE STATION AND ANSWER ANY QUESTIONS THAT ARE ASKED.

Point of Entry

Evidence (Clue)	How can it be used to solve the crime?
Footprints	Can be matched to shoes owned by the suspect
Paint Chips	Can be analyzed and compare to paint found at the suspect’s house or on the suspect
Tool Marks	Can be compared to crowbars found at the suspect’s home to see if they match
Facial Composite	Can be created from eyewitnesses and used to help police identify possible suspects

Place of Struggle

Evidence (Clue)	How can it be used to solve the crime?
Letter or Document analysis	Identify the type of paper and visit the store to see if the clerks can identify any of the female suspects
Hair Samples	DNA samples from hair can be matched to the suspects
Fingerprints	Match fingerprints found at the scene to possible suspects; if a match is found, the suspect can be questioned and have a chance to give an alibi.
Fiber Samples	Fibers found at the scene can be matched to fibers found on the suspect or in his home, car, workplace, etc.

Place of Murder

Evidence (Clue)	How can it be used to solve the crime?
Wound	Wounds can be used to determine the weapon or instrument that was used to commit the murder
Bloodstain Analysis	Patterns made by the blood can help to determine the height of the suspect, how a weapon was used, and other important details
Blood Analysis	DNA analysis can be used to match the blood samples to the suspects
Time of Death	The coroner can determine the time of death to help police narrow down the suspects based on their alibis.

4. My Score = _____ out of 12 POSSIBLE

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6. Read the information presented on the “Discussing the Case” page.

7. Review each detective’s interpretation of events **BEFORE CLICKING A LINK TO SHOW YOUR DECISION.** Which detective do you agree with? Why?

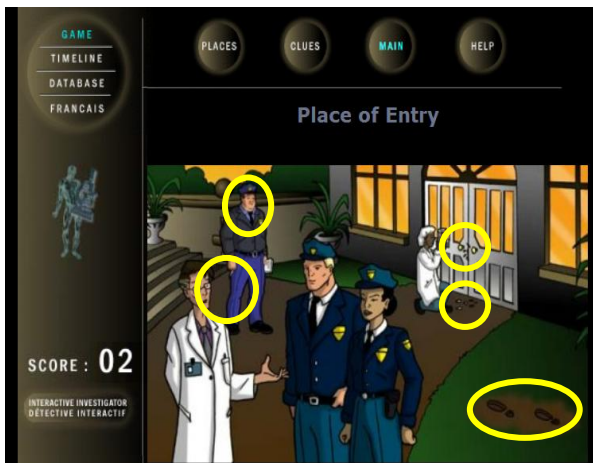
Detective **MARLOW** thinks that **PAT THE RAT** did the crime because **HE HAS A HISTORY OF ROBBING HOUSES AND KNEW THAT HE WAS NOT SUPPOSED TO BE IN THE HOUSE AT THAT TIME.**

Detective **WILSON** thinks that **MONICA FITZGERALD** did the crime because **SHE WROTE A LETTER THAT THREATENED TO KILL HIM.**

I think that Detective _____ is correct.

7. Click on the link for the detective you think is right. Were you correct? **MARLOW WAS CORRECT**

Areas with Clues at Each Scene



After students click on a piece of evidence, they need to read the information provided and then find the link for “Send to Lab”, “Go to Lab”, or “Go to the police station”.

They should read the information provided on the second page and then answer the question. If they get it right, they will get another point.

After 12 questions, they need to return to the MAIN page and find the link for END at the bottom of the page.

