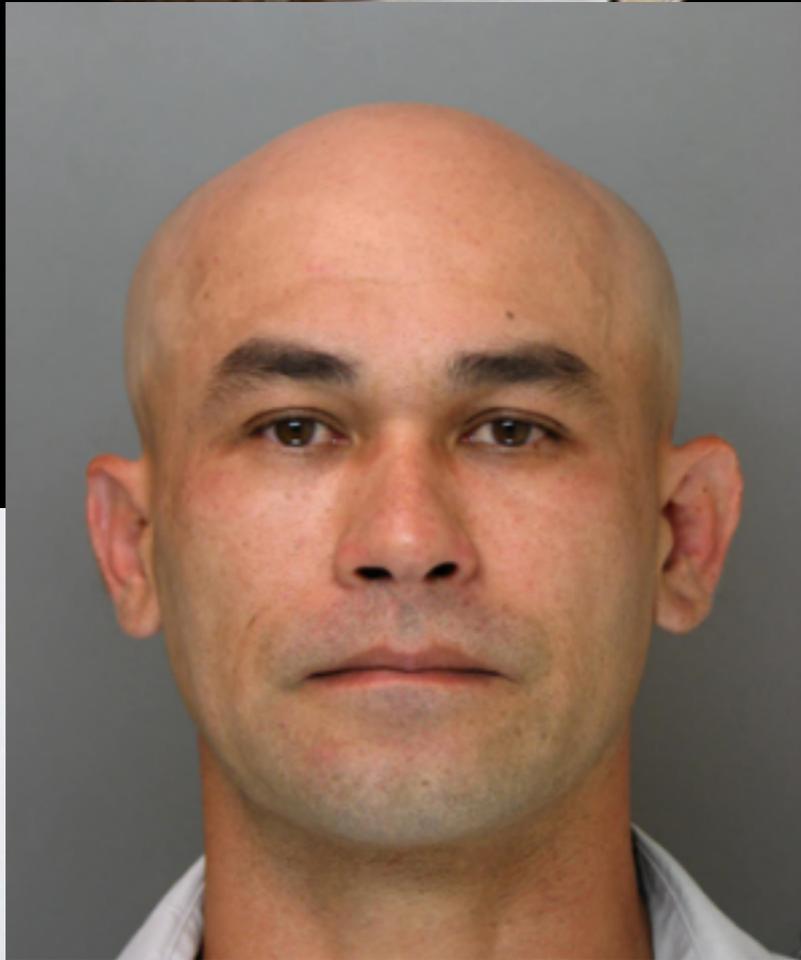


Locard's Exchange Principle:  
Every contact leaves a trace.



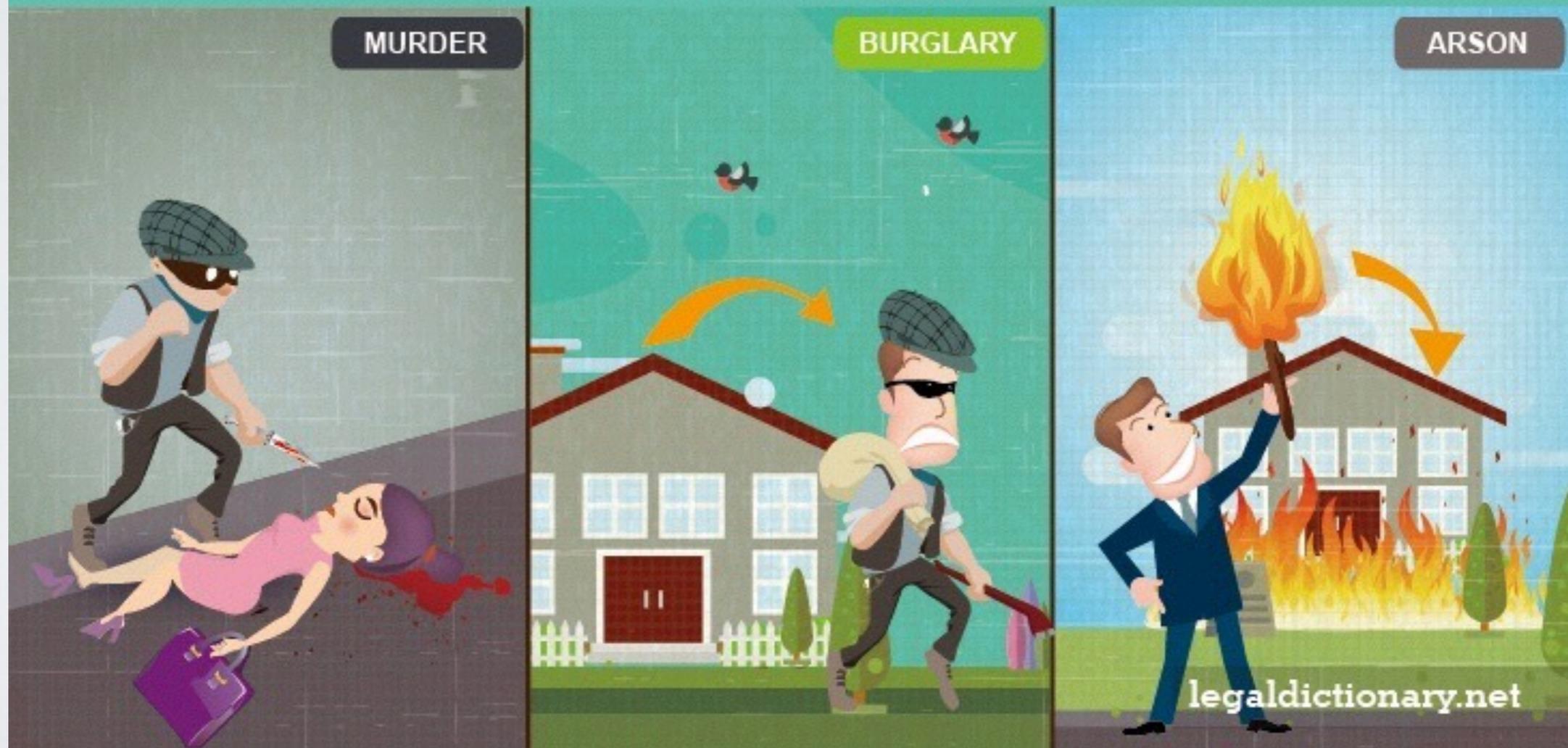
# SCIENTIFIC PRINCIPLES OF CRIME INVESTIGATION

# Misdemeanor: Minor wrong doing



# Felony: a very serious crime

Felony is a crime, such as murder, burglary, or arson, of a more serious character, than a misdemeanor.



**Perpetrator: Person who carries out a harmful, illegal, or immoral act.**



**Victim: a person harmed, injured, or killed as a result of a crime, accident, or other event or action.**

Warrant: **a document** issued by a legal or government official **authorizing the police** or some other body **to make an arrest, search premises**, or carry out some other action relating to the administration of justice.

## FORM NO. 761-8 - WARRANT

### SEARCH WARRANT

ISSUED BY: 712th Nonjudicial District Court

DATE: 1-29-2009

CASE NUMBER: PT 04-9881 G-05

In the Matter of the search of  
(Premises or property to be searched)

S. Moe Queeds house

TO: Any Authorized Officer of the Court

Affidavit(s) having been made before me by

F. L. Aysheeo



**Authorized to Conduct a Search**

**We Have A**



**Out For Your Arrest!**

# STEPS TO PURSUE A CASE



# I. The crime must be committed and discovered



## 2. The police show up and start collecting information and evidence to document the crime

**EVIDENCE**

Agency \_\_\_\_\_  
Item No. \_\_\_\_\_ Case No. \_\_\_\_\_  
Date of Collection \_\_\_\_\_ Time of Collection \_\_\_\_\_  
Collected By \_\_\_\_\_  
Description of Evidence \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
Location of Collection \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
Type of Offense \_\_\_\_\_  
Victim \_\_\_\_\_  
Suspect \_\_\_\_\_

**CHAIN OF CUSTODY**

Received From \_\_\_\_\_ By \_\_\_\_\_  
Date \_\_\_\_\_ Time \_\_\_\_\_  
Received From \_\_\_\_\_ By \_\_\_\_\_  
Date \_\_\_\_\_ Time \_\_\_\_\_  
Received From \_\_\_\_\_ By \_\_\_\_\_  
Date \_\_\_\_\_ Time \_\_\_\_\_

**EVIDENCE**

**EVIDENCE**

Agency \_\_\_\_\_  
Item No. \_\_\_\_\_ Case No. \_\_\_\_\_  
Date of Collection \_\_\_\_\_ Time of Collection \_\_\_\_\_  
Collected By \_\_\_\_\_  
Description of Evidence \_\_\_\_\_  
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\_\_\_\_\_  
Location of Collection \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
Type of Offense \_\_\_\_\_  
Victim \_\_\_\_\_  
Suspect \_\_\_\_\_

**CHAIN OF CUSTODY**

Received From \_\_\_\_\_ By \_\_\_\_\_  
Date \_\_\_\_\_ Time \_\_\_\_\_  
Received From \_\_\_\_\_ By \_\_\_\_\_  
Date \_\_\_\_\_ Time \_\_\_\_\_  
Received From \_\_\_\_\_ By \_\_\_\_\_  
Date \_\_\_\_\_ Time \_\_\_\_\_

**EVIDENCE**

**3. If there is enough evidence to establish probable cause then an arrest warrant is issued**

**Probably cause: evidence that a crime was committed and the accused committed it;** for a felony, usually determined in a preliminary hearing

## **4. The accused is arrested and read their Miranda Rights**

Miranda Rights: You have the right to remain silent. Anything you say can and will be used against you. You have the right to an attorney. If you cannot afford one, one will be appointed to you if you wish. You can exercise these rights and not answer any questions or make any statements.

**5. After the arrest the level of crime will be known and therefore the proper steps can be taken.**



**Deductive reasoning** skills are useful in scientific investigations.

Deductive reasoning applies broad principles to predict specific answers. For example, the broad principles of human genetics can be applied to DNA analysis, usually yielding very reliable results.

**Inductive reasoning** is the counterpart of deductive reasoning. It **relies on a series of specific pieces of information to extrapolate a broad conclusion.** Forensic scientists might use inductive reasoning to determine where in the house a fire started, or what the bloodstain pattern at a murder scene might reveal. Of course, the physical evidence never depicts all the events that happened in space and time, so inductive reasoning carries a greater level of uncertainty. The inferences and results are based on limited information rather than a more solid scientific principle. But it's useful in resolving problems where no broad principle can be applied.