

## Objective

By the end of this lesson, you will be able to understand the basics of forensic science and its application in solving crimes.

## Materials and Prep

- Magnifying glass
- White paper
- Black light
- Plastic gloves
- Pen and notebook
- No prior knowledge required

## Activities

- **Fingerprint Analysis:** Use the magnifying glass to examine fingerprints left on different surfaces around your home. Record your observations in the notebook.
- **Invisible Ink:** Write secret messages using lemon juice or baking soda mixed with water. Use the black light to reveal the hidden messages.
- **Crime Scene Investigation:** Create a mini crime scene using common household items. Analyze the scene and make deductions about what might have happened.

## Talking Points

- *"Forensic science is like being a real-life detective. It involves using scientific techniques to solve crimes and mysteries."*
- *"Fingerprints are unique to each individual, making them a valuable tool in identifying suspects."*
- *"Invisible ink has been used for centuries to pass secret messages. Forensic scientists use special tools to reveal these hidden messages."*
- *"Crime scene investigation requires attention to detail and critical thinking skills to piece together what happened."*