

## “The Science of Mystery” Traveling Crime Lab Exhibit

Everyone loves a mystery, and most people like to investigate, explore, and conduct experiments. “The Science of Mystery” combines mystery and investigation in an engaging and educational experience.

“The Science of Mystery” reinforces investigative skills including: observing, comparing, analyzing and evaluating evidence, distinguishing evidence from inference, problem solving, drawing conclusions, logical thinking, organizing data, and drawing.

“The Science of Mystery” will guide visitors to develop critical thinking skills and directly experience both real-life applications of science and the joys of scientific exploration.



*The crime scene.*

### **COST:**

- Price based on length of venue and annual attendance. Discounts are available for longer venues.
- Actual shipping costs (Shipping weight = approx. 1,800 lbs.)
- Cost of additional supplies, if needed.

### **AVAILABILITY:**

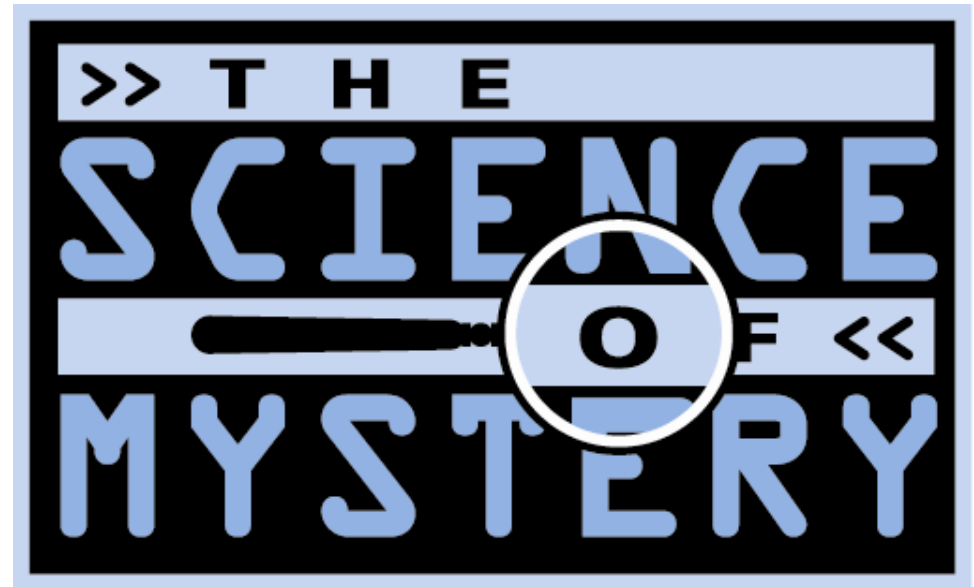
- Contact Gateway to Science Exhibits Coordinator at (701) 258-1975.
- Mail: 1810 Schafer Street, Suite 1, Bismarck, ND 58501-1218
- E-mail: [gscience@gscience.org](mailto:gscience@gscience.org)



*Visitors can drop a coin into the appropriate slot to vote for the suspect they think committed the crime.*

# Gateway to Science

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# "The Science of Mystery"

A Hands-On Crime Lab Exhibit  
Recommended for Grades 2 & up

Designed and produced by **Gateway to Science** Exhibits Department

## RENTAL PERIOD:

- Typically 3 months (based on availability)

## REQUIREMENTS:

- 800-1,000 sq. ft. display space
- Electricity required for 1 unit
- One day estimated time each for installation and take-down.



## COMPONENTS:

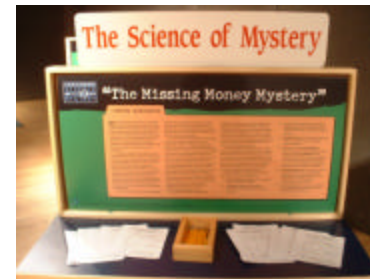
Crime Scene, including furniture, supplies and evidence  
7 display tables with center dividers (eleven lab stations):

- Scenario/Suspect Statements
- Shoe Prints/Voting Station
- Hair Test/Fiber Analysis
- Ink on Note/Tear Test
- Sniff Test/Test on Liquids
- Powder Test/Handwriting Analysis
- Fingerprint Analysis/Crystals on Shoes

## SUPPLEMENTAL MATERIALS:

- Detective Notebooks
- Exhibit Maintenance Manual
- Extra Supplies for Lab Tests plus order information for additional supplies
- Classroom Letter & Scenario
- Introductory Video

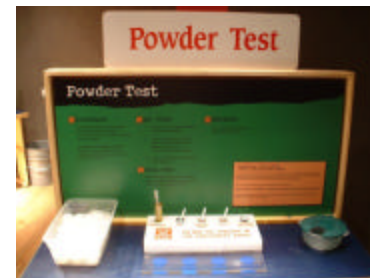
*Step into the crime lab and test evidence found at the crime scene to determine who committed the crime.*



*Study the crime scenario and pick up a detective notebook.*



*Learn what the suspects told the police.*



*Analyze powder found on a suspect's shoe.*



*Compare suspects' fingerprints to one found at the crime scene.*



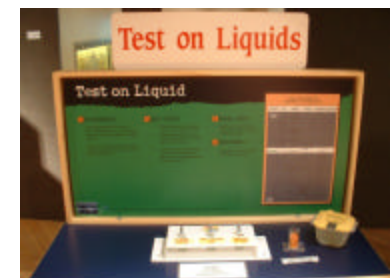
*Determine whose shoes match prints found at the crime scene.*



*Compare scent found on towel with suspects' cologne samples.*



*Use chromatography to compare inks with the crime scene note ink.*



*Determine identity of clear liquid found at the crime scene.*