



CSI: CURSE OF THE PHARAOH



Dear Educator:

Thank you for choosing to bring your students to the Science Gallery. When you arrive, check in at the box office on the Planetarium level. For payment, you will be required to know the exact number of students and adults in your group.

Store outerwear, lunches, backpacks, etc. in the cloakroom in the lower level. Manitoba Museum is not responsible for loss or theft; valuables should be left at home or school.

For further information, please visit our website www.manitobamuseum.ca or call 988-0626.

The Workshop

CSI: Curse of the Pharaoh takes place in the classrooms on the Planetarium level of the museum. Please meet your animator at the box office with all backpacks and lunches stored in the cloakroom.

Your students will be working in groups. You may choose to divide your class into four equal groups prior to leaving for the Science Gallery.

Please note this workshop runs **1 hour 45 minutes**; Please let our program staff know what time your bus is picking you up to ensure your program is presented accordingly.

Please turn off cell phones or set the ring to silent during programs. All students should remove and store iPods, mp3 players, etc. before programs.

Class control remains the teacher's responsibility.

Grade: 5 to S4
Cluster: Cluster "0" for all grades, Biology 30S, Interdisciplinary Topics in Science 40S.
Duration: 1 hour 45 minutes

Program Outline:

Your students have an hour and forty-five minutes to solve a murder at the museum. An introduction to forensic science and a tutorial in crime scene investigation prepares the students to investigate, analyze and interpret the evidence before accusing the "perp." This program features a hands-on approach with multi-media components led by one of our programs staff (who *is not* the murderer!).

Vocabulary

Here is a list of words we use during this program:

Forensic science, ABO blood type, Rhesus (RH) Factor, coagulation, chromatography, alibi, means, motive, opportunity, victim, suspect, homicide, crime scene investigation, ballistics, trace evidence, microscopy, and wet mount.

Pre-visit Suggestions:

1. Discuss the importance of forensic science in modern crime scene investigation.
2. Assign your students to watch an episode of CSI, Bones, NCIS, or another forensics-based TV show.
3. Create a list of possible evidence found at a crime scene.

Follow-up Activities

Research solved crimes and discuss the role forensic science played in solving the crime.

Initiate a discussion about the way forensic science is portrayed on TV; is it realistic or glamorized? Do you think heightened awareness about forensic science is beneficial or detrimental to the public?

Have each student make a fingerprint sample, mix them up and attempt to match the fingerprint to its owner.

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