

CSI 5.0 — Apply proper procedures for dusting a crime scene for collecting latent fingerprints

- 5.1 Demonstrate the ability to properly lift and mount a latent fingerprint from a designated item of evidence
- 5.2 Demonstrate the proper procedure for marking a latent fingerprint card

CSI 6.0 — Release a crime scene properly and legally

- 6.1 Demonstrate the ability to prepare an evidence inventory
- 6.2 Demonstrate the ability to remove all evidence and equipment from crime scene

CSI 7.0 — Work together as a professional team to conduct a crime scene investigation

- 7.1 Demonstrate professional bearing and demeanor
- 7.2 Demonstrate the ability to assign team members' tasks equal to their aptitude

Committee Identified Academic Skills

The technical committee has identified that the following academic skills are embedded in this contest.

Math Skills

- Measure angles
- Use the rectangular coordinate method to locate evidence (uses two fixed reference points and right angles to indicate the exact location of evidence in the crime scene.)

Science Skills

- Plan and conduct a scientific investigation
- Use the proper method for developing latent fingerprints
- Identify and demonstrate necessary safety precautions for handling and processing DNA evidence

Language Arts Skills

- Provide information in conversations and in group discussions
- Provide information in oral presentations
- Demonstrate use of verbal communication skills, such as word choice, pitch, feeling, tone and voice
- Demonstrate use of nonverbal communication skills, such as eye contact, posture and gestures using interviewing techniques to gain information
- Organize and synthesize information for use in written and oral presentations
- Demonstrate informational writing

- Edit writing for correct grammar, capitalization, punctuation, spelling, sentence structure and paragraphing

Connections to National Standards

State-level academic curriculum specialists identified the following connections to national academic standards.

Math Standards

- Algebra
- Geometry
- Measurement
- Data Analysis and Probability
- Problem Solving
- Reasoning and Proof
- Communication
- Connections
- Representation

Source: NCTM Principles and Standards for School Mathematics. To view high school standards, visit: standards.nctm.org/document/chapter7/index.htm. Select "Standards" from menu.

Science Standards

- Understands the principles of heredity and related concepts
- Understands the structure and function of cells and organisms
- Understands the structure and properties of matter
- Understands the nature of scientific knowledge
- Understands the nature of scientific inquiry

Source: McREL compendium of national science standards. To view and search the compendium, visit: www.mcrel.org/standards-benchmarks/.

Language Arts standards

- Students adjust their use of spoken, written and visual language (e.g., conventions, style, vocabulary) to communicate effectively with a variety of audiences and for different purposes
- Students conduct research on issues and interests by generating ideas and questions and by posing problems. They gather, evaluate and synthesize data from a variety of sources (e.g., print and non-print texts, artifacts, people) to communicate their discoveries in ways that suit their purpose and audience
- Students use spoken, written and visual language to accomplish their own purposes (e.g., for learning, enjoyment, persuasion and the exchange of information)

Source: IRA/NCTE Standards for the English Language Arts. To view the standards, visit: www.readwritethink.org/standards/index.html.

CONTEST SCORECARD

Items Evaluated	Possible Points
Activities Prior to Search	50
Photographing of Scene I	50
Flagging of Evidence	50
Photographing of Scene II	50
Crime Scene Sketch	50
Lifting of Fingerprint	50
Collection of Evidence	450
Release of Scene	50
Professionalism	50
Organization	50
Written Test.....	100
Sub Total	1,000
Résumé Penalty	_____
Clothing Penalty	_____
TOTAL	_____