



Career and Technical Education FORENSIC SCIENCE



FORENSIC SCIENCE §127.652

Offer students a truly experiential approach to engage them in active learning and to emphasize the application of forensic science career skills. Comprehensive teacher support and hundreds of lab activities ensure students of all backgrounds experience integrated science practices.

> Forensic Science: Fundamentals & Investigations, © 2024

Expansive Lab Program With Real-World Scenarios

Students learn the procedures and skills of real forensic scientists with hundreds of Activities and Capstone Projects. Connect students to industry-relevant technical knowledge and college and career readiness skills.

ACTIVITY
6-5
Minutiae Patterns 06/ 6.3, 6.10
Objective: Bythereasy of the molecular parameters of the second
Time Required to Complete Activity:
Materials: Act 6 VieST Monster Patiente Rid gen Ruleer or stratigt is obje MageNoveg fanses
SAFETY PRECAUTIONS:
notes Introduction: Later fregeristis found a crime scenes are usually incomplies (partial) prints. Investigators and for avancies that characteristics of a fregeriprite very carefuly. The simple identification of a whork, (loo, or arch in tot sufficient. Other markers (invisual) are usual in distinguishing on fregeriprite than architer.
Procedure: 1. Souty the following picture: It shows fragerprints obtained from a suspect (Jett) and a fragerprint littled from the crime score (right). Notice how the invest- gatar has labeled for a parties of comparison with the same letters on the orded ind prior and the latering for the frager priors. See the label of inviscals and the latering for the frager prior the frager score.
0
Suspect print Latent print from crime scene
Chapter Activity 223

1.1	dentify different types of careers in forensic science.
	Necass the education requirements, job skills, job training, salary ranges, and so on if different careers in forensic science.
3.1	Present your research to the class.
Ti	me Required
Vari	n depending on if research is done during class time or outside of class.
м	aterials
. c	29-7 WKST Careers in Ferencic Science Sign-up Ferm
	29-7 WKST Carter Research Questions
• C	(omputer with Internet access (Optional)
Sa	fety Precautions
Non	
Int	troduction
This	dring of pursuing a career in forensic science? In this project, you explore various
care	er opportanities in forensic science. Research what type of training is needed, what
the c	lay-to-day work experiences are, and what type of income and job opportunities are clated with this career. You will present and share your findings with your classmates.
8.43	Cautione Projects

3rd Edition

FORENSIC

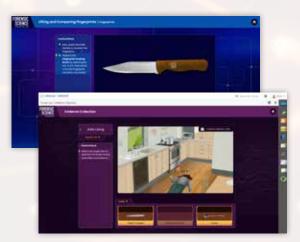
FUNDAMENTALS &

NVESTIGATIONS

Bertino & Bertino

CENGAGE

Chapter Activities available in print with additional digital-only activities in the MindTap platform



Cengage MindTap

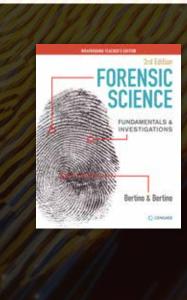
Interactive Experiences in MindTap

The MindTap digital platform provides even more virtual hands-on experiences with Interactive Labs for each chapter and a comprehensive Virtual Lab series where students work one detailed case from beginning to end, collecting and analyzing evidence to solve the crime.

Real-World Phenomenon

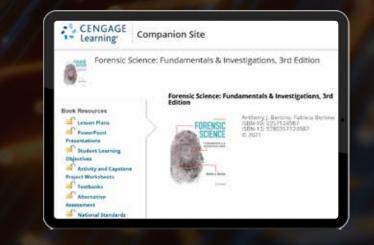
Current and relevant examples from the real-world show students how forensic techniques and skills help solve crimes and advance scientific knowledge.

Chapter opening scenarios and Case Studies give forensic scientists a view of real cases and how forensic scientists overcome challenges to solve problems.



Transformative Teacher Support

The wraparound Teacher's Edition and additional downloadable resources provide thorough support for new forensic science teachers and advanced help for experienced teachers.







DNA Profiling



Case

Support includes science background, differentiation to meet the needs of all students, teaching tips, enrichment and extension activities, and hands-on activity guidance

> A companion website offers downloadable resources including additional labs with worksheets, lecture slides, lesson plans, teacher notes, and alternative assessments.



9-12 Sales Consultants

Use our online Sales Rep Finder to locate your rep NGL.Cengage.com/RepFinder:

Gail Adams (318) 745-5453 gail.adams@cengage.com **Heather Rosplock** (281) 467-0948 heather.rosplock@cengage.com

Teresa Dossman (713) 299-5302 teresa.dossman@cengage.com **Robert Chavez** (210) 232-2185 robert.chavez@cengage.com

Sally Newcomb (505) 401-3700 sally.newcomb@cengage.com

Michael Bailey (770) 841-3553 michael.bailey@cengage.com **Perry Nutt** (617) 757-8365 perry.nutt@cengage.com

paula.hickle@cengage.com

Paula Hickle

(513) 229-1564



For more information, visit NGL.Cengage.com/TX-Science

@NatGeoLearning











"National Geographic," "National Geographic Society," and the Yellow Border Design are registered trademarks of the National Geographic Society @Marcas Registradas.

