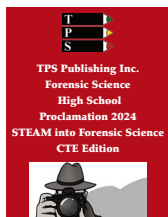


CTE Forensic Science program Proclamation 2024

The program is 100% TEKS and ELPS aligned



TPS is delighted to present STEAM into Forensic Science.

Scientific inquiry is at the heart of Forensic Science. In our Forensic Science program students, just as the professionals in the field, develop testable hypotheses and create logical connections between the design of the activity and the underlying scientific concepts. Students carry out investigations, collect and analyze data, formulate explanations, revise their hypotheses if necessary, re-work their investigations, and draw conclusions.

TPS believe that students learn best by doing.

Key Facts about the program:

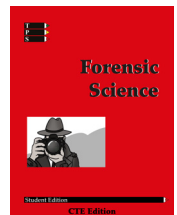
- **STEAM projects** engage students and allow student led learning of the scientific and engineering practices, recurring themes and concepts and allow students to apply knowledge and skills to real-life scenarios.
- **Students investigate phenomena** following the scientific method and design engineering process and using real life crime scenes.
- **Intervention/reteach content** assists teachers, caregivers and students and is provided digitally at no additional cost to caregivers. Caregivers follow two steps if reviewing K-8 content with their high school students:
Step 1 – Learn By Doing, where a storytelling pedagogy ensures students are enticed into the world of science. Students follow the lives of 13 diverse characters throughout K-8 grades. The students follow the design engineering process and scientific method throughout the school year.
Step 2 – Expository text, inquiry-based lab activities, focus questions, and math and literacy assignments are provided.
- **Literacy and numeracy focus.** Students learn best by doing and using across core subject skills
- **Engaging and low cost:** TPS offers a creative forensic science curriculum that will have students running to class and leave school districts with budget to spare. TPS provide ongoing free of charge teacher support and caregiver access to all homework. Afterschool and reteach materials are included.

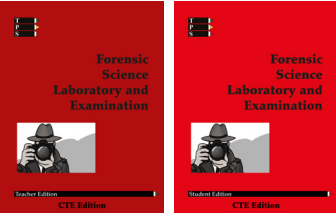
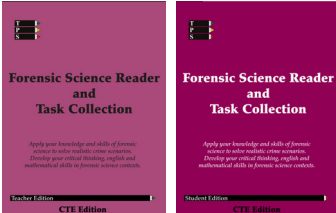
- **Pricing from:**
 - » Eight year digital licenses – students at \$10/year
 - » Print only – start at \$125/student includes Teacher Edition
 - » Online with print (student write in journal + digital access) \$40/year
 - » Print with digital – \$140/student includes Teacher Edition

See full details at the back of this booklet
- **Inclusive lesson plans:** Our curriculum is inclusive, and research shows how STEAM content supports diverse learners. TPS partner with CeMaST, Illinois State University, AB Curriculum (special education specialist), Archway, NEST Family videos, and TEAM UP.
- **STEM and Arts projects** are provided for all TEKS and provide content for below through advanced level students.
- **ELPS strategies:** TPS provide Archway, a program that teaches whole families to learn to read, write and speak English, enabling them to become confident and progress in all science studies. This program works for all first language students.
- **TPS programs are not just a textbook, but a toolbox.** Our curriculum provides students with learning opportunities through STEM and arts projects, real-world applications, formative and summative, visual and tactile, written and verbal, by TEKS assessments.
- TPS provides **by TEKS and leveled questions** within an assessment generator and offers an interactive software tool. Tests can be personalized in both components. Benchmark tests are created with teachers each term, and glossary cards are included.
- **Online libraries** include many additional STEM and arts projects, Scientist and Engineer Fact Sheets, Tools, Safety Workbooks and arts projects that are especially useful for RTI/special education students

Core Components:

- **Teacher and Student Textbook** – written by a forensic science professional working with the police, to ensure conceptual understanding of the content of all TEKS/ELPS. Includes topic expository text, key terms and definitions, teacher and student led investigations and visual/tactile and written assessments by TEKS.



- **Teacher and Student Laboratory and Examination Guide** – written by a Forensic Chemist who worked for the Drug Enforcement Agency and became a high school Chemistry teacher and married an FBI agent. Content ensures students mirror the work of professionals in the field and review real-life crime scenes. Includes further expository text, multiple crime scene student led investigations, and examinations.
 
- **Teacher and Student Reader/Task Collection** – by TEKS/ELPS literacy focus. A series of short crime stories that students solve by applying the skills and knowledge learned in the prior two core components. Additionally, forensic science activities, that require Algebra I, Geometry and other high school math content to solve.
 
- **Teacher and Student Safety Guide** – safety tips for teachers and students
- **Student journal with write in pages, required annually** – content is write on pages from core components so districts only replace these low-cost journals, not textbooks.
- **Assessment Generator** – Forensic science and K-8 - content by TEKS by grade levels 1-3, providing stepping stone approach for review/assessment. Teachers can create quizzes, benchmark tests and or projects in class as formative and/or summative assessments.
- **Interactive Software Assessment Tool** – assessment questions and answers in over 20 styles. Includes automatic grading for multiple choice style questions. Can be personally assigned or as a class. Teachers can edit or add their own questions. This tool can be used for across subject content.
- **Teacher Slides** – created to provide teachers with slides that can be shown to introduce each topic.

Teacher Support Materials

- **Online Library – Teacher Support**
 - » Scope and sequence
 - » Pacing plans
 - » Horizontal and vertical alignment chart to assist teachers locate prior and current grade science content information

- » STEAM Arts Project Guide K-12 – teachers can assign projects as reteach /extension activities
- » Assessments K-12 science – a variety of by grade, by TEKS science assessments to provide teachers with reteach and extension content
- » Materials lists – requirements for school year – TPS personalize kits to suit districts as required
- » Help videos for high school science content linked to forensic science
- **Teacher Guide** – a complete guide to implementing the program
- **Caregiver Guide** – a guide to ensure caregivers understand and can work with teachers and students

Supplements included in base price

- **Online libraries**
 - » **Forensic Science Level 1** – introduction step, written for struggling students
 - » **Forensic Science Level 2** – second step for students to reach grade level
 - » **Forensic Science Community Project**
 - * Forensic science club – students teach caregivers and/or lower grade students the content of chosen key areas of forensic science
 - * Do Nows – 100 aligned crime scenes to complete during registration or as homework
 - » **Learn By Doing Activity Reader Books** – K-8 for reteach science content
 - » **Mathematics** – content for review of at grade and G3-8 TEKS aligned math content – students need to master math content to complete forensic science work
 - » **Archway** – a program for first language families - they learn to read, write and speak English – students with English skills can progress more easily in forensic science
 - » **K-8 Critical Thinking** – content to assist students master content from prior grades
 - » **Tools** – graphics and text to assist students in recognizing and understanding science tools
 - » **Scientists** – fact sheets about diverse scientists, engineers and mathematicians
 - » **Student Reasoning Library** – K-12 – safety, questions and answers, tools by grade

Format of Resource

- Digital
- Print
- Print with digital
- Digital with Print

Digital Access

- Districts can choose to have content web-based, using the TPS area
- TPS can integrate with a variety of learning management systems, such as Clever, Canvas, Schoology
- District level rostering is possible
- Rostering campus & district admin access and TPS support manually adding users

TPS Program Design Criteria

- Support is provided for teachers, caregivers and students – free of charge access is provided to caregivers of chosen student materials including all homework
- STEAM content ensures STEM, Traditional and Arts content is provided, proven to be suitable for diverse students
- Multiple strategies underpin the program; focus on literacy, numeracy and science being taught simultaneously
- Leveled content and assessments provides for far below through advanced students
- Reteach materials for K-8 and at grade content included
- Real life scenarios and activities demand teachers and students to examine their own attitudes and behaviors and consider duties, rights, responsibilities, and citizen rights
- Student led activities ensure critical thinking and practice in choices required in daily lives
- Content includes scientists and history of topics reflecting society

Student Materials Focus

Individual and collaborative tasks by TEKS and STEAM activity reader crime scenes provide coverage of groups of TEKS.

Leveled reader activity books, forensic with mathematics, and forensic science level 1 provide content for struggling learners and extension activities are provided for advanced students.

Assessments are by skill level, by TEKS and TPS provide content from K-8 for science together with Learn By Doing storytelling STEAM content to ensure teachers and caregivers have access to content for reteaching struggling students.

STEM content, such as The Community Project, allows advanced students to teach younger students and/or their families, content.

Archway is provided for first language families and enables students of all ages to learn how to read, write and speak English.

An online mathematics library contains reteach and advancement content for students to review mathematical content that is involved within forensic science. A TEAM UP board game is available to review G3-8 mathematics skills for struggling students.

Algebra focused STEM projects are included for advanced students.

Assessments are by levels 1-3 and by TEKS.

Teachers can add their own questions, using over 20 styles into the interactive software tool.

Key Facts About The Program

Teachers and caregivers can know that the content is 100% aligned to TEKS and ELPS.

The leveled content using STEAM content ensures all diverse students can access, master and apply new knowledge and skills.

Access for teachers, caregivers and students can be in print and/or digital.

TPS provide ongoing school year-round telephone and webinar support and can provide on-site professional development.

TPS provide online libraries containing reteach, advancement and after school community content available for the life of the license purchased.

TPS provide libraries with safety, scientist fact sheets and leveled forensic science content.

TPS meet all accessibility requirements of section 508 and integrate with a variety of learning management systems such as Canvas, Clever and Schoology.

TPS strictly adhere to confidentiality and privacy requirements.

Literacy with Forensic Science focus – Components

Individual crime scenes for students to apply forensic science, math & ELA knowledge and skills.

The reader activity books include crime scenes ...

- Cold as ice
- The Tattooed Man
- Cracks in the concrete
- Cucumber Sandwiches
- George and the Summer Camp Creature
- Keeping Score
- A collection of Forensic Science stories
- Forensic Task Book – students apply forensic science, math and ELA knowledge and skills to solve crimes. For Proclamation 24, provided in one book.



Access keys for further online review of edited version:

Please follow the URL for each program, and, when prompted, enter the username and password below.

<https://tppublishing.com/my-resources>

User name - P24REGION7FOR

Password - p24region7for

Note: These are case sensitive.

Accept terms and you will be presented with a landing menu from which all resources can be viewed.

PRICING

Print Only	STEAM into Forensic Science - High School Edition - 25 Student Textbook and 1 Teacher Textbook	\$3125
Print with digital components	STEAM into Forensic Science - High School Edition (Print with Digital 1 Yr) for 25 students and 1 teacher	\$3500
	STEAM into Forensic Science - High School Edition (Print with Digital 1 Yr) for 18 students and 1 teacher	\$4050
	STEAM into Forensic Science - High School Edition (Print with Digital 1 Yr) for 18 students and 1 teacher	\$2430
	STEAM into Forensic Science - High School Edition (Print with Digital 1 Yr) for 18 students and 1 teacher	\$1890
Online Only	STEAM into Forensic Science - High School Edition Digital (1YR) for 25 Students and 1 Teacher	\$625
	STEAM into Forensic Science - High School Edition Digital (3YR) for 25 Students and 1 Teacher	\$1125
	STEAM into Forensic Science - High School Edition Digital (8YR) for 25 Students and 1 Teacher	\$2400
	STEAM into Forensic Science - High School Edition Digital (1YR) for 100 Students and 4 Teachers	\$1500
	STEAM into Forensic Science - High School Edition Digital (3YR) for 100 Students and 4 Teachers	\$3600
	STEAM into Forensic Science - High School Edition Digital (8YR) for 100 Students and 4 Teachers	\$8000
Online with Print	STEAM into Forensic Science - High School Edition (Digital 1Yr with Print) for 25 students and 1 teacher	\$1250
	STEAM into Forensic Science - High School Edition (Digital 3Yr with Print) for 25 students and 1 teacher	\$3525
	STEAM into Forensic Science - High School Edition (Digital 8Yr with Print) for 25 students and 1 teacher	\$8600
	STEAM into Forensic Science - High School Edition (Digital 1Yr with Print) for 100 students and 4 teachers	\$4500
	STEAM into Forensic Science - High School Edition (Digital 3Yr with Print) for 100 students and 4 teachers	\$12900
	STEAM into Forensic Science - High School Edition (Digital 8Yr with Print) for 100 students and 4 teachers	\$32000