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### TPS Publishing Inc. – Proclamation 2024 CTE Forensic Science Program Information

# 100% Aligned Texas Curriculum

The program is 100% TEKS and ELPS aligned.

## **Format of Resource**

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

## **TPS Program Design Criteria**

- Support is provided for teachers, caregivers, and students.
- 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.

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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.

## **The Program Components**

The program includes teacher and student textbook, written to exactly align to the new TEKS/ELPS, a laboratory/examination book, and a collection of reader activity books, plus webbased assessment tools.

Individual crime scenes for students to apply forensic science, math & ELA knowledge and the reader activity books include crime scenes ...

- Cold as ice
- The Tattooed Man
- Cracks in the concrete
- Cucumber Sandwiches
- George and the Summer Camp
- Keeping Score
- A collection of Forensic Science stories



Forensic

Science



## **TPS Publishing Inc. – Proclamation 2024 Program Information**

• Forensic Task Book – students apply forensic science, math and ELA knowledge and skills to solve crimes. For Proclamation 24, provided in one book.

Scientific inquiry is at the heart of Forensic Science. In our Forensic Science program students, just like 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.

#### Facts to consider that determine student success.

- STEAM content includes visual and tactile experiences and students learn best by doing.
- 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 re-teach materials are included.
- 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 so ware 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.

## **Teacher and Family/Caregiver Guides:**

- Teachers are guided by TPS how to use the program to implement it smoothly and ensure each student has every opportunity to master the content. The guides can be in print and/or digital format.
- Scope and sequence, and pacing plans: TPS provide teachers with detailed plans to follow and an alternate pacing plan, can be personalized at no additional cost, if required.

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- 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 ac@vi@es, focus questions, and math and literacy assignments are provided.

Contact us today – all the details are at the top of this document.

## Thank you

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