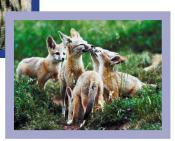


## TPS Publishing High School Science **NGSS and TEKS Aligned**

The TPS Publishing High School Biology curriculum is a novel approach based on learning about the plants, animals and landscapes of Alaska.

The curriculum consists of:

- Interior and Northern Alaska: A Natural History
- A 38-minute DVD Spirit of the Arctic
  - A curriculum guide organized into thirteen instructional units.



The program is authored by Professor Ron Smith formally of the University of Alaska.



mith

Each unit expands on subjects in the book chapters and on the images and animal vocalizations on the DVD.



The curriculum addresses all of the NGSS Life Sciences standards plus several of the standards in Earth Sciences. The program also aligns to Biology and Environmental Systems TEKS for high school.



Students develop familiarity with the

fundamentals of biology, pursue additional investigation of some topics, give oral reports and engage in creative non-fiction writing.



This biology curriculum rely on examples of ecological interactions, changes in the landscape, and predator-prey interactions in our most northern state with reference to similarities in other states.

Materials are available in hard back or softback, as digital only or a mixture of formats. To request samples, pricing or to organize presentations contact us on: Email tanya@tpspublishing.com, andy@tpspublishing.com or call 866 417 9384.





# **TPS Publishing Technology Information**

#### 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 analyse data, formulate explanations, revising their hypothesis if necessary, re-work their investigation, and draw conclusions.





#### Law Enforcement:

TPS Publishing Inc. has created a STEAM activity book for high school students. It is inquiry based and will develop student critical thinking skills. For the majority of TEKs there is an activity involving individual, paired and group methods. The activities involve role play, essay writing, creation of information posters, and practice tests.

### **Criminal Investigation:**

This program allows students to use and refine already acquired science process skills such as observing, inferring, analyzing, evaluating, as well as those technical skills specific to criminal investigation in order to solve crimes. We have endeavoured to keep our offering interesting to students, and teachers alike, by including real life cases as well as a wide variety of activities and assignments, some of which include; role play, essay writing, use of the arts, as well as the more traditional practice tests. Throughout the course vocabulary is a central focus. ELPS' are directly written to, as well as including numerous other language learning techniques. Students will discover that 'real-



world' investigation requires a great deal of creativity needing knowledge from all fields of science to make your own meaning about tasks and come to conclusions.

#### Principles of Law, Public Safety, Corrections, and Security:

The text is structured to be user friendly for all teachers, irrespective of their background, and is simpler for students than many alternative texts. Vocabulary is a key focus, and a word wall with terms and definitions is built and those terms are applied. This will assist all students, but in particular will help students who struggle with English language.

Materials are available in hard back or softback, as digital only or a mixture of formats. To request samples, pricing or to organize presentations contact us on: Email tanya@tpspublishing.com, andy@tpspublishing.com or call 866 417 9384.



TPS Publishing Inc. U.S.A

