

WESTON BOARD OF EDUCATION

Weston, CT

Meeting Date: June 18, 2018

Information Only

Action Requested

Agenda Item Subject: New Textbook Adoption: AP Environmental Science

Submitted by: Kenneth Crow

Document Summary/Purpose and/or Recommended Action:

AP Environmental Textbook and e-text for Board review and adoption.

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<https://meeting.cabe.org/public/Agency.aspx?PublicAgencyID=47&AgencyTypeID=1>



Weston Public Schools Textbook Adoption Form

School: WHS **Date:** 6/1/2018
Subject Area: Science – AP Environmental Science
Grade Level: Secondary **Grades:** 11-12

Committee Members:

Jamie Charles, Science/Tech CIL
Dawn Boulton, Environmental Science Teacher
Stacey Greenberg, Environmental Science Teacher

Selection criteria or parameters established for this textbook:

- Rigor and content match well with course description and expectations at AP level
- Integrated case-study approach provides context for content learned throughout course.
- Case studies are current and compelling
- Quality of diagrams, real-life examples, and review questions in each section/chapter
- Availability of supplemental online resources: online text, online homework and assessments, web-based course management.

Weston Public Schools Textbook Adoption Form

Textbooks reviewed during the process:

Title: Environmental Science for AP (with online access/resources)
Author: Friedland and Relyea
Publisher: Bedford, Freeman and Worth
Publication Date: 2015

Title: Living in the Environment – AP edition
Author: Miller and Spoolman
Publisher: Cengage
Publication Date: 2015

Research Conducted:

(Survey of DRG, high performing districts in Fairfield County and in the Tri-State Consortium. List districts surveyed and text used if course is offered.)

District	Text
Wilton	Living in the Environment – AP edition (Miller and Spoolman)
Barlow	Environmental Science for AP (Friedland and Relyea)
Greenwich	Environment: The Science Behind the Stories (Pearson)
Darien	Environment: The Science Behind the Stories (Pearson)

Pilot:

(If the text was piloted, please explain the process and include dates. If the textbook was not piloted, please explain the rationale for not piloting.)

The text was not piloted, as this is a new course for the 2018-2019 school year.

Weston Public Schools Textbook Adoption Form

Committee Recommendations:

We recommend the Pearson textbook Environment: The Science Behind the Stories (2018, AP edition) by Withgott and Laposata for use in the AP Environmental Science course beginning with the 2018-19 school year. This textbook was chosen based on its coverage of AP-required content areas, its organization around current and compelling case studies that are integrated into many of the units throughout the book, and its quality and currency of connections to global issues in environmental studies. We believe this textbook will help support students in their studies of environmental science at the AP level, as well as help prepare students for the AP Environmental Science exam. Its text reading, diagrams, case studies, and guiding review questions are all appropriately aligned to the goal of the College Board's AP Environmental Science course: "to provide students with the scientific principles, concepts and methodologies required to understand the interrelationships of the natural world, to analyze both natural and man-made environmental problems, to evaluate the risks associated with these problems, and to examine alternative solutions for resolving or preventing them."

Title: *Environment: The Science Behind the Stories (AP edition) *With Mastering Environmental Science e-text*

Author: Withgott and Laposata

Publisher: Pearson

Publication Date: 2018

Planned date of next edition: N/A

DRP Score: unknown

Unit Cost: \$135.97 (includes online access)

Number of texts being purchased: 55

Total cost (including shipping): \$8,039.23

Based on criteria established, explain why this textbook is being recommended for purchase.

This new textbook matches the required AP-topics, level of rigor, and accessibility of the content, diagrams, and case-studies desired in the AP Environmental Science course. As this is a new course for Weston HS, the topical arrangement, text readings, diagrams and data charts, and integrated case-studies are all well-organized and aligned to the AP curriculum. The currency and relevancy of the many highlighted topics, data points, and articles in the textbook will help the students connect with real-world phenomena.

Recommendation approved by:

Jamie Charles Date: June 1, 2018 CIL, Science and Technology

Lisa Deorio Date: 6/1/2018 Principal, WHS

Ken Craw Date: 6/8/2018 Assistant Superintendent