



SACRAMENTO CITY UNIFIED SCHOOL DISTRICT BOARD OF EDUCATION

Agenda Item 9.1f

Meeting Date: August 16, 2018

Subject: Approve Adoption of Instructional Materials for Advanced Math Classes

- Information Item Only
- Approval on Consent Agenda
- Conference (for discussion only)
- Conference/First Reading
- Conference/Action
- Action
- Public Hearing

Division: Academic Office, Curriculum & Instruction Department

Recommendation: The Board of Education is requested to approve new textbooks for Advance Mathematics Courses: Honors Pre-Calculus, AP Calculus AB & BC, AP Statistics

Background/Rationale: Currently, advanced mathematics courses in the district utilize textbooks that were last published in 2007. Additionally, the textbooks adopted at each school site vary across the district, creating inequities in student access to appropriately supportive materials. Some of the previously adopted materials failed to reflect the necessary range of diverse cultures and perspectives.

Beginning in January 2018, and running through April 2018, advanced mathematics course teachers met to review College Board-recommended and teacher-requested materials. Meetings facilitated by the mathematics and GATE/AP coordinators supported teachers to collaboratively select updated text resources for Honors Pre-Calculus, AP Calculus AB & BC, and AP Statistics. As a result of these meetings, the following unanimous recommendations were made:

1. Adopt for AP Statistics: The Practice of Statistics (For the AP Exam) 6th ed., by Starnes and Tabor, from Bedford, Freeman & Worth of McMillan Learning 2018 ISBN 131919849X
2. Adopt for AP Calculus AB & BC: Calculus for AP, Ron Larson and Paul Battaglia, from CENGAGE Learning 2017 ISBN 9781305948013 / 1305948017

3. Adopt for Advanced/Honors Precalculus: Blitzer Precalculus, 6th ed. By Blitzer, from Pearson 2018
ISBN980134615769

Financial Considerations:

AP Statistics textbook with Sapling Plus (online platform for teachers and students)

• Student editions (270)	\$42,950
• Teacher editions, Exam View, Teacher resource flash drive	\$ 0
• Shipping	\$ 0
• 1-day professional learning	\$ 0
• Tax	<u>\$ 0</u>
	\$42,950

AP Calculus textbook with Web Assign ((online platform for teachers and students)

• Student editions (460)	\$66,585
• Teacher editions, Teacher resource guide, Fast Track workbook	\$ 0
• Shipping	\$ 0
• 1-day professional learning	\$ 0
• Tax	<u>\$ 5,160</u>
	\$71,745

Advanced/Honors Precalculus with MathXL

• Student editions (380)	\$46,730
• Teacher editions	\$ 0
• Shipping	\$ 3,738
• 1-day professional learning	\$ 0
• Tax	<u>\$ 0</u>
	\$50,468

TOTAL Anticipated Costs: \$165,163

LCAP Goal(s): College, Career, and Life Ready Graduates

Documents Attached:

None

Estimated Time of Presentation: N/A
Submitted by: Mikila Fetzer, Mathematics Coordinator
 Kari Hanson-Smith, Coordinator of GATE & AP Programs
 Iris Taylor, Chief Academic Officer
Approved by: Jorge A. Aguilar, Superintendent