KETCHIKAN GATEWAY BOROUGH SCHOOL DISTRICT BOARD OF EDUCATION AGENDA STATEMENT

No 9e

MEETING OF May 27, 2020 Reviewed By

Item Title

NEW BUSINESS[X]SuperintendentMotion to approve the NGSS National Geographic/Cengage Learning[X]Finance

Motion to approve the NGSS National Geographic/Cengage Learning 9-12 Science Curriculum for the following courses: Foundations of Astronomy, Forestry Science, Oceanography, Introductory Chemistry, Anatomy and Physiology.

[X] Curriculum

SUBMITTED BY Beth Lougee, Superintendent

Contact Person/Telephone APPROVED FOR SUBMITTAL

SUMMARY STATEMENT:

The Board is being asked to approve a 9-12 science curriculum: NGSS National Geographic/Cengage Learning Science Textbooks. This 9-12 curriculum will be adopted for a 6 year period, and includes bundled materials of classroom sets of textbooks and online access.

ISSUE

Board Policy 6141 states "the Board shall adopt a district curriculum which to the extent possible reflects the desires of the community, the needs of society, and the requirements of law...The curriculum shall be consistent with and aligned to established state standards and the philosophy, goals and objectives of the district." Furthermore, AR 6141 states that final decisions concerning the development of educational programs are the sole responsibility of the School Board.

BACKGROUND:

Science curriculum was up for adoption in 2017 based on the KGBSD rotation cycle. Due to the State of Alaska adopting new state standards for science, the district opted to wait to review and select curriculum until the standards were updated and formally adopted. In 2019 the State of Alaska adopted new science standards (Next Generation Science Standards w/ AK Standards). Subsequently, the K-12 Science Curriculum Committee spent the current school year reviewing multiple science curriculums that align to current Alaska State Standards. The high school science department proposed offering new courses that aligned to the NGSS and AK State Science Standards. After student scheduling and knowing what courses were of interest to students, the following new classes were added to the schedule: Foundations of Astronomy, Forestry Science, Introductory Chemistry and Human Anatomy and Physiology. Oceanography is a current course but warranted newer textbooks and materials. The curriculum being presented for approval, along with the accompanying materials, aligns to Alaska's newly adopted science standards.

RECOMMENDATION: Administration recommends approval of the purchase.

FISCAL NOTE:

EXPENDITURE REQUIRED: \$30,241.70 AMOUNT BUDGETED: \$30,241.70

ATTACHMENT: Quotes

RECOMMMENDED ACTION:

"I move that the Board of Education approve the NGSS National Geographic/Cengage Learning 9-12 Science Curriculum for the following courses: Foundations of Astronomy, Forestry Science, Oceanography, Introductory Chemistry, Anatomy and Physiology."





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Presented To: Alonso Escalante (907) 617-6853, alonso.escalante@k21schools.org Prepared By: Jim Patneaude, (206) 707-1748, jim.patneaude@cengage.com

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Borough School District Alonso Escalante 333 Schoenbar Road Ketchikan, AK 99901

USA

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Cengage Learning Borough School District ATTN: Order Fulfillment 10650 Toebben Drive

Independence, KY 41051 (800) 354-9706

http://NGL.Cengage.com/CustomerSupport

View Quote in CAD

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Qty	Update Qty	Product	Price	Quoted Price	Total
21		Foundations of Astronomy: (Level 1) Seeds/Backman 14th Edition [STM, 2019] 9780357031612 / 035703161X	\$79.50	\$79.50	\$1,669.5
11		Bundle: Foundations of Astronomy, 14th Student Edition + MindTap (6-year access) Seeds/Backman 14th Edition [STM, 2019] 9780357082928 / 0357082923	\$109.50	\$109.50	\$1,204.50
32		Introduction to Forestry Science, Soft Cover Burton 3rd Edition [K12, 2018] 9781337904568 / 1337904562	\$99.75	\$99.75	\$3,192.00
11		3P-EBK:INTRODUCTION TO FORESTRY SCIENCE 3E Burton 3rd Edition [K12, 2013] 9781133711629 / 1133711626	\$27.99	\$27.99	\$307.89
1		Lab Manual Instructor's Guide for Burton's Introduction to Forestry Science, 3rd BURTON 3rd Edition [K12, 2013] 9781111308421 / 111130842X	\$93.00	\$0.00	FREE
1		Instructor's Manual for Burton's Introduction to Forestry Science, 3rd BURTON 3rd Edition [K12, 2013] 9781111308407 / 1111308403	\$21.75	\$0.00	FREE
18		Oceanography: An Invitation to Marine Science Garrison 9th Edition [STM, 2016] 9781305105164 / 1305105168	\$85.50	\$85.50	\$1,539.00
14		Bundle: Oceanography: An Invitation to Marine Science, 9th Student Edition + MindTap (6-year access) Garrison 9th Edition [STM, 2016] 9781305793545 / 1305793544	\$115.50	\$115.50	\$1,617.00
32		Bundle: Introductory Chemistry: A Foundation, 9th Student Edition + OWL TM (6-year access) Zumdahl 9th Edition [STM, 2019] 9781337860413 / 1337860417	\$170.75	\$170.75	\$5,464.00
61		<u>Digital Bundle: Introductory Chemistry: A</u> <u>Foundation, 9th OWL™ + VitalSource™ eBook</u>	\$140.75	\$140.75	\$8,585.75

	(6-year access) Zumdahl 9th Edition [STM, 2019] 9781337860420 / 1337860425			
1	Annotated Instructor's Edition for Zumdahl/Decoste's Introductory Chemistry: A Foundation, 9th Zumdahl 9th Edition [STM, 2019] 9781337399432 / 1337399434	\$168.75	\$0.00	FREE
1	Student Solutions Manual for Zumdahl/DeCoste's Introductory Chemistry: A Foundation, 9th Zumdahl/DeCoste 9th Edition [STM, 2019] 9781337399470 / 1337399477	\$85.25	\$0.00	FREE

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year published	2018	2018	2013	
Publisher	Pearson	Cengage	Cengage	
Author	Marieb	Seeds/Backman	Burton	
Textbook Title	Essentials of Anatomy	Astronomy: A Foundation	Introduction to Forestry Science	
Course	Human Anatomy & Physiology	Survey of Astronomy	Introduci Forestry Forest Ecology Science	

KETCHIKAN SCHOOL DISTRICT

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