

Proposal for Learning Resources Adoption, 2017

Science: Grades 9-12

A team of science teachers consisting of one representative from each grade level at each school began preparation for the science resource adoption during the first week of November. The team began the work by analyzing the new science standards and identifying changes in content. A resource fair was held on November 10 at the Career Academy where teachers had the opportunity to review science materials and ask questions of vendors throughout the day as needed. After this initial exposure to various science vendors, teachers submitted a list of vendors they were interested in receiving additional information and reviewing further. On February 9, science teachers returned to meet with those vendors requested by teachers for a more detailed look at the possible resources. After the February 9 meeting, teachers were asked to redeliver key points from the resources and gain school level feedback and decisions as to what science resources they felt would best meet their instructional needs. Once feedback was received, it was clear that teachers needed additional time with vendors before making final decisions for their science resources. On March 31, the science resource vendors teachers had chosen came back to present a more in-depth look at their products for the team of teachers. Feedback was collected collaboratively for teachers to use back at their schools to ensure consistent feedback was being delivered to their peers. Teachers at each school reviewed the information and submitted grade level recommendations for science resources for their school by April 7. Since April 7, the Curriculum Office has been working with vendors to answer specific product questions and price quotes.

Title	Vendor	Comments	Grade/Course
High			
Glencoe Physical Science	McGraw Hill Education	New Adoption- 6 yr 11 Class Sets 766 eStudent Edition w/ Learnsmart	Physical Science (10)
Hole's Human Anatomy & Physiology	McGraw Hill Education	New Adoption – 6 yr 3 Class Sets w/APR	Human Anatomy & Physiology (12)
Physics Principle and Problems	McGraw Hill Education	New Adoption – 6 yr 3 Class Sets 90 eStudent Edition	Physics (12)
Miller & Levine Biology	Pearson, Inc.	New Adoption – 6 yr 10 Class Sets 900 Digital Courseware	Biology (9 & 11)

Environmental Science: Your World, Your Turn	Pearson, Inc.	New Adoption – 6 yr 8 Class Sets 450 Digital Courseware	Environmental Science (9 & 11)
College Physics	Pearson, Inc.	New Adoption – 6 yr 60 AP Student Edition with Mastering Biology & eText	AP Physics (12)
Campbell Biology AP Edition	Pearson, Inc.	New Adoption – 6 yr 105 AP Student Edition with Mastering Biology & eText	AP Biology (12)
World of Chemistry	National Geographic Learning/Cengage Learning	New Adoption – 6 yr 5 Class Sets 175 OWL eLearning	Chemistry (11)
Chemistry AP Edition	National Geographic Learning/Cengage Learning	New Adoption – 6 yr 2 Class Sets 70 OWL eLearning 70 Fast Track to 5	AP Chemistry (12)
Forensic Science Fundamentals and Investigations	National Geographic Learning/Cengage Learning	New Adoption - 6 yr 3 Class Sets 105 MindTap Instant Access	Forensic Science (11 & 12)
Environmental Science for AP	Bedford, Freeman, & Worth	New Adoption – 6 yr 2 Class Sets Launchpad for Enviro. Sci.	AP Environmental Science (12)

Grade/Course	Title	ECHS	SEHS	STEM	Cost	Total Cost
Physical Science	Glencoe Physical Science GA edition Class Sets	6	7	1	\$2,409.75 (vendor providing ½ at no cost to district)	\$16,868.25
	Glencoe Physical Science GA eStudent edition w/LearnSmart	410	315	55	\$84.00	\$65,520.00
Human Anatomy & Physiology	Hole's Human Anatomy & Physiology	70 (2 Class Sets)	70 (2 Class Sets)		\$144.51	\$20,231.40

Physics	Glencoe Physics Principle and Problems Class Sets	1	1	1	\$2,361.99	\$7,085.97
	Glencoe Physics Principle and Problems eStudent Edition	30 (1 class set)	30 (1 class set)	30 (1 class set)	\$81.12	\$7300.80
Biology	Miller & Levine Biology Student Edition + Digital Courseware (Realize)	210 (6 Class Sets)	210 (6 Class Sets)	70 (2 Class Sets)	\$101.47	\$49,720.30
	Student Digital Courseware (Realize)	175	250	80	\$86.47	\$43,667.35
Environmental Science	Environmental Science: Your World, Your Turn Student Edition with MyEnvironmental Science.com	210 (6 Class Sets)	140 (4 Class Sets)		\$90.97	\$31,389.50
AP Physics	College Physics – AP Student Edition w/ MasteringPhysics w/ Pearson eText		30 (1 Class Set)		\$163.47	\$4,904.10
AP Biology	Campbell Biology AP Student Edition w/ MasteringBiology + Pearson eText + Test Prep Workbook for AP	30 (1 Class Set)	30 (1 Class Set)	30 (1 Class Set)	\$172.97	\$15,567.30
Chemistry	World of Chemistry EPack: World of Chemistry + OWL	105 (3 Class Sets)	140 (4 Class Sets)	35 (1 Class Set)	\$90.50	\$25,340.00
AP Chemistry	Chemistry AP Edition Bundle: Student Edition + OWL	35 (1 Class Set)		35 (1 Class Set)	\$159.00	\$11,130.00
	Fast Track to 5 General Chemistry	35 (1 Class Set)		35 (1 Class Set)	\$19.50	\$1,365.00

Forensic Science	Forensic Science Fundamentals and Investigations ePack: Student edition + MindTap Instant Access	70 (2 Class Sets)	70 (2 Class Sets)		\$116.50	\$16,310.00
AP Environmental Science	Environmental Science for AP Student Edition & LaunchPad for AP Enviro Sci	35 (1 Class Set)	35 (1 Class Set)		\$165.74	\$11,601.80

Total proposed cost (approximate based on current numbers): \$328,001.77