



# Teaching and Learning Department Board Report

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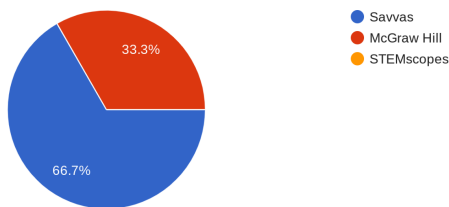
Report By: Phyllis Cox, *Associate Superintendent of Curriculum and Instruction*

## Science and Financial Literacy Instructional Materials Adoption

This year's Instructional Materials adoption was in the area of K-12 Science. We had presentations and materials for teachers from publishers such as Savvas (Experience Science), McGraw-Hill (Inspire Science), National Geographic, Cengage, and StemScopes. A document was created for teachers to examine each curriculum and rate each in areas of Teacher Supports, Student-Centered Instruction, Well-Designed Lessons, Resources for Planning, and Assessment for elementary and Phenomena/Problem-based and three dimensional approach, teacher supports, student centered instruction, well designed lessons, resources for planning, and assessment for middle school and high school. The thought behind this was that having teachers rate each of these areas would encourage them to examine the curriculum at a deeper level. After teachers had the opportunity to review the curriculum and materials, they were asked to complete a survey as a grade level, providing their recommendations and justifications for the publisher/curriculum that they recommend. Below you will find the recommendations from each grade level:

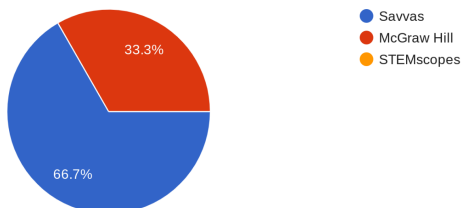
### LRES: No Kindergarten Vote

First Choice  
3 responses



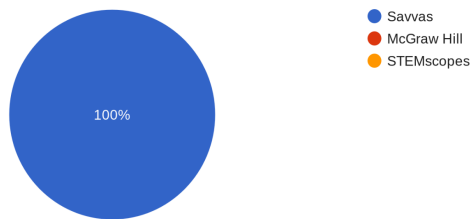
### MCES: No 3rd Grade Vote

First Choice  
3 responses



Park Ave: 4th and 5th decided together

First Choice  
1 response



Koogler Middle School:

### First Choice: Savvas

Koogler's science department, after talking to multiple publishers, has decided that Savvas would suit our needs and the needs of our students best. It is completely aligned with NGSS and utilizes all three of the components of NGSS. It is phenomenon-driven, not just phenomenon-based; they come back to the phenomena consistently throughout the lessons. It has a great mix of paper and digital resources. It also allows the teacher to see a breakdown of testing data and to assign RTI immediately for standards that need to be retaught. The testing setup is very similar to the state test, which can only benefit them for testing. They have multiple testing types, including performance assessments. Math and history are also using Savvas, so students are used to the platform.

\*Phenomenon-based learning provides a more meaningful learning experience by actively engaging learners to solve problems that have a real-world context. It also helps learners to make connections across different disciplines.

### Second choice: McGraw Hill

Aztec High School and Vista Nueva High School Biology and Chemistry:

### First Choice: Savvas

We have chosen Pearson/Saavas for our biology and chemistry classes. One of those reasons is that Pearson/Saavas is already an established leader in educational content, so we know their materials will be excellent and successful. They've also improved their online learning platform, so it's easier for students to be able to view lessons and materials anywhere. Additionally, they offer lab kits for purchase, allowing us to conduct hands-on experiments in the classroom, which is essential for understanding science. Overall, this choice will enhance our learning and help us succeed in these important subjects!

We would like to move forward with adopting the following state-approved curricula:

Grade/Subject	Publisher
K-8	Savvas
Biology - AHS and VNHS	Savvas

Chemistry - AHS and VNHS	Savvas
Astronomy AHS	McGraw Hill
Physics - AHS	McGraw Hill
Forensic Science - AHS	Savvas/Pearson
Earth and Space - VNHS	Cengage
Environmental Science - VNHS	Cengage

Financial Literacy AHS	Ramsey Education
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Science Adoption			
Publisher	Grades	Price	Title
Savvas	K-5	175,502.79	Experience Science
Savvas	6-8	82,734.75	Life, Earth, Physical
Savvas	6-8 Kits	37,067.64	
Savvas	H.S.	162,849.43	Chemistry & Biology
Savvas	H.S.	9,607.50	Forensic Science
McGraw Hill	H.S	17,139.27	Astronomy & Physics
Cengage Learning	H.S.	6,655.25	Earth & Space
<b>Total for books and kits</b>		<b>491,556.63</b>	
Science Kits	Grades	Price	
Physci Kit	6-8	11,767.50	
Lifsci Kit	6-8	11,767.50	
Ethsci Kit	6-8	11,767.50	
Shipping & Handling		1765.14	

K-5	K-5	167,145.50	
Shipping & Handling		8,357.29	
Biology	HS	43,696.00	
Chemistry	HS	53,272.50	
<b>Total</b>		<b>309,538.93</b>	

## Total Cost

Curriculum	Total Cost
Science	491,556.63
Financial Literacy	4,308.48
<b>Total</b>	<b>495,865.11</b>

## Funding

<b>Total Allocated IM 11000 (25-26)</b>		
<b>School Budgets</b>	<b>Principals are willing to give 2% of their budget to help cover the cost of the Kits</b>	
<b>Title Funding</b>	<b>Dr. Hall is looking at funding options through Title to help cover the cost of the Kits</b>	<b>Amount will be dependent on carryover.</b>
<b>Local Revenue Operational Fund 15200</b>	<b>Will use to cover the remaining balance.</b>	<b>Approximately \$396,000.00</b>