

SLA Meeting February 12, 2019

Kirtland Board of Education/SLA

Meeting start time: 8:08 a.m.

End time: 9:45 a.m.

Attendees: Scott Amstutz, Jeanette Blankenship, Tim Cosgrove, Shannon Green, David Leone, Becky Rowell-Malinas, Kathryn Talty, Chad VanArnhem, Jonathan Withrow, Bill Wade

Notes: Shannon Green & Chad Van Arnhem (STEAM/Coding Proposal Handout)

AGENDA ITEMS:

1. Meeting Minutes Approval for January. Approved Tim Cosgrove, 2nd Kathryn Talty
2. DALI Share Out (Wade)
3. KES Coding/STEAM (Chad VanArnhem/Wade)
4. Instructional Resource Update (Wade)
5. Public Comments and Questions
6. Adjourn

DALI (District Admin Leadership Institute) Conference Share Out (Wade)

In January, Bill Wade, attended the DALI Leadership Institute Conference in Arizona. He shared much of what was learned at the 30 minute sessions he attended at the conference. He said it was very valuable to be able to meet and talk to other administrative professionals from outside of the state in order to learn what is going on in other regions. He discussed an app that he liked possibly for our school: **Thought Exchange** group discussion platform that allows people to share their thoughts on a matter, gets more info than some general question survey sites.

Bill Wade used a graphic that demonstrated the top skills needed in the future workforce desired by employers (from STEM based program).

IN 2015 TOP SKILLS

1. Complex Problem Solving
2. Coordinate w/Others
3. People Management
4. Creative Thinking
5. Negotiation
6. Quality Control

IN 2020 TOP SKILLS

1. Complex Problem Solving
2. Creative Thinking
3. Creativity
4. People Management
5. Coordination w/Others
6. Emotional Intelligence

A math discussion session raised awareness to highest probability in decrease of college attendance was MATH over: Anti-social, Reading, Anxiety, Attention.

Impact of Industrial Revolution on Ed Tech (video of Mike Belcher, Director of InnovationTech for HP). Some points made in video:

- *Research the 4th Industrial Revolution-will change our economy & so many things
- *Technology offers a change in perspective
- *Video showed kids learning changed perspective once placing 3-D VR glasses on
- *Studies show kids want to learn by experiencing & by doing (not being lectured to)
- *STEM jobs GROWING, pay is more, yet there is a gender gap (girls and students in situations of poverty not going into STEM)
- *E-Sports (video gaming) is the fastest growing college scholarship sport in the US

KES Coding/STEAM (Chad VanArnhem/Wade)

Discussed KES looking to add 5th special @ KES: CODING/STEAM. Plan to use code.org & integrate with PLTW (Project Lead the Way, like at KMS). Chad Van Arnhem handed out a proposal for STEAM/Coding Special @ KES for 2019-2020 School Year. The handout states that KES students will have a Coding/STEAM specials class once a week. The teacher will use the code.org program with the opportunity to integrate other STEAM activities into the curriculum. Project Lead the Way added to grades 3-5 (help to prepare them from KMS PLTW). For more info please see: <https://www.youtube.com/watch?v=HF-a-UmoRt4>

Student Practices and Skills. Lessons in CS Fundamentals help students work in a wide variety of contexts tied together by these core skills learned through coding: problem solving; persistence; creativity; collaboration & communication. These practices bring coherence and serve as reminders of the high-level skills they should continue to develop by using CODE.

Why coding & STEAM? Prepares & aligns w/KMS STEAM pathway; coding will be the future ready “language” offered @ KES; learning to code prepares them for future jobs; integrates subjects that are usually taught in separate classes; emphasis of knowledge to real world situations-find solution to a real world problem; support engineering and STEAM careers with girls and [minorities-https://hechingerreport.org/how-to-build-an-engineer-start-young/](https://hechingerreport.org/how-to-build-an-engineer-start-young/)

Questions?

Jeannette Blankenship: Is there a computer literacy requirement for KHS students to graduate? If not would Kirtland make it a requirement?

Bill Wade: Currently there is no computer graduation requirement, we most likely would not make it a requirement unless the state makes it a requirement.

Jonathan Withrow: Will the hiring of a new Code/STEAM position result in hiring an additional teacher elsewhere in the elementary. If the answer is yes, then what is the cost to the district? How would you introduce the new Code/STEAM position to the kids without the new Code/STEAM position?

Bill Wade: Right now it looks as if we have approximately 80 Kindergarten students enrolled for 2019-20, looks as if we will need four sections of K. The cost of a new teacher to the district will be approximately 65K. Becky Malinas shared that some students on scholarship will be graduating therefore freeing up extra funds to hire a new teacher. Would prefer to hire a new CODING teacher as it would be more effective & efficient. We want someone qualified to teach the subject to the students and someone who is excited about the subject matter which will reflect onto the kids.

Instructional Resource Update (Wade)

Bill Wade shared that, Peterson, has a strong product we are considering. At next months SLA meeting BW would like to share more info with the committee. Tim Cosgrove stated that he would like to see more than one product choice, not just one. Tim also asked what other products are out there? It was discussed that ALEC program is out there and was used in Mentor, BW said it doesn't align with our needs at this time. Tim Cosgrove also wanted to know why this product (Peterson) was chosen?—answer at next month's meeting. It was also mentioned that there are "Ed Reports" like "Consumer Reports" in which we can look up these teaching programs to see how they are rated. Meeting for next month changed from March 12th to **Monday, March 4 @ 7:30 am** in the Nest @ KHS.

Public Comments Questions

Chad VanArnhem mentioned that he applied for KES to become a Hall of Fame School. A Hall of Fame School recognizes schools that engage faculty, students and the community to provide a quality school experience. Chad stated that we have been accepted by the Hall of Fame team to move on. The Hall of Fame team will be coming out to tour KES in March. If we are picked as a Hall of Fame School our school will receive \$1,000 & a variety of accolades.

*Note: Next month's SLA meeting moved to Monday, March 4, 2019 @ 7:30am.