



**Educational Technology Advisory Committee  
Meeting Minutes for January 6, 2016**

**Chair: Brian Bostwick Chair-Elect: Mark Almer CIO: Mark Lindstone**

**LOCATION:**

**Educational Services Center**

**6:00 PM – Arrival**

**6:32 PM – Convene Meeting: Mr. Brian Bostwick - Chair ETAC 2015-2016**

**Call to order: Pledge of Allegiance**

**6:35. PM - Celebrating Success: Littleton High School (LHS)**

Dr. Amy Oaks, principal of Littleton High School welcomed the committee and introduced LHS. Littleton High School was built in 1957, and is the original high school in Littleton. LHS boasts a strong history of technology and today houses a technology lab, a computer construction lab, a wood shop, and a brand new flexible workspace recently created to accommodate growth.

In addition to earning a traditional diploma, LHS offers a STEM certificate program. The program requires students to take more than the standard level of science, engineering, technology and math. Students complete a series of elective courses for a total of 100 hours by the end of their seventh semester. STEM course choices include: computer science 1 and 2, creative and collaborative problem solving, woods, fashion design, automotive technology, animation, metal sublimation, laser engraving, just to name a few.

Ms. Rachel Montoya, math and computer science teacher, spoke of her experience with teaching computer science and computer programming. Several students who have taken her computer programming class conveyed their interest, enthusiasm, and passion with the class content.

Ms. DeAnna Koepke, introduced the committee to a student of an LHS animation class. He shared an animation figure he created in the class, then explained the steps and the time it takes to make these animation drawings walk, move and come to life.

Student ETAC member Mr. Keefer Wilkins, son of technology ed teacher Pamela Wilkins, provided the committee with an insightful Powerpoint that spoke of the self-paced design tech. ed. program in LHS, of which Keifer is a scholar. These classes are beginner level engineering programs which get students excited about using their creativity in the implementation of design. Collaborative problem solving, inventiveness, and working through challenges individually or in teams is paramount. "These classes are not aimed only at the elite IB kids, he stated. "The STEM certificate program has electives and pathways for all students to get excited about." Many of these classes are already completely maxed out on student sign ups.

**7:05 PM - Board Report- Mr. Jack Reutzel:**

The Board is excited about the dramatic results and progress of bond construction work at Runyon elementary school. Students are expected to be able to return to the newly remodeled building next fall. Drive by the school and see the results for yourself!

The state budget for education seems to be rather tenuous again this year. The Board is hoping that the Governor's forecast is not firm, or possibly incorrect, and remains hopeful that the funding allocated to K-12 to develop and continue classes and programs for students will be reinstated.

A new funding request is being presented to the Board. The Restorative Justice Grant could be in place at Options this spring. Typically after a student runs into trouble, they are automatically expelled. The new restorative justice grant would create a program to bring together expert staff, as well as other necessary and involved parties to have collaborative discussions regarding incident(s) involving the student. The results show that truancy, repeat offenses, and expulsions are way down when this program is implemented, due to the student being required to work through the problem and come to an acceptable resolve.

Student Enrollment Report: LPS has always had a student enrollment of approximately 15,000 students due to the fact that the LPS school district is landlocked on all sides. About 20% of LPS students are open enrolled from other districts. This year elementary student counts were down by 55 students, secondary students increased by 549.

Board Policy Discussions: This year the LPS Board will systematically go through each policy to see which ones are relevant, which ones need to be refreshed, and which ones need to be eliminated.

Within the next several weeks, there will be several reports being released regarding the Arapahoe High School shooting. The district will have public hearings to address any concerns or questions from citizens. The exact dates will be announced shortly.

**7:45 PM - Foundation Report: Beth Best, Executive Director**

Ms. Beth Best announced that the Foundation recently evaluated the first cycle of teacher grant requests which have greatly increased in number this year. Typically there are about 18 grant requests, this year there were 46. Due to budget limitations, many teachers had to receive unfavorable news, since the requests outweighed available funds. However, the Foundation was able to fund fifteen fortunate teachers with their requests.

The Foundation, in conjunction with Goddard Middle School will host a VIP tour of the MS STEM center located there. RSVP is required because breakfast will be served.

A "Save The Date" card has been distributed for the Spirit dinner celebration. *That 80's Band* will be in attendance, setting the backdrop for a great party!

The City of Littleton calendars are now available, and conveniently located on the October page is an ad for the LPS Stride event! This community fun run occurs annually in October. For more information regarding the LPS Foundation please check this [website](#).

**7:45 PM - Technology Report: Mr. Mark Lindstone**

Mr. Lindstone reported that the CDE awarded the contract of college board testing as the PSAT for

sophomores, and the SAT as the junior year test. This is a change from the past which was the normally the ACT exam in Colorado. There is a united concern from superintendents and administrators about the short time frame for getting proctors prepared and the appropriate technical test environment ready in time. Stay tuned, there will be more information coming on this topic.

The WIDA test, a test for English Language Learners (ELL) students only will be going on this month in the district. There are approximately 700-750 ELL students in the LPS district.

On February 10th there will be an upcoming report to the Board from ITS regarding the state of middle school 1:1 technology. The report will summarize, evaluate, and analyze data following a survey of students, parents and teachers regarding this subject.

[Monday Models](#), a professional development time for teachers is being reinstated by Mike Porter and the instructional technology team. Among the subjects to be taught are: Google classroom, formative assessments, reading and writing in an online environment among others. A full list of classes are located on the technology website. Classes are filling quickly.

The International Society of Technology in Education Conference (ISTE) is coming up. The Technology Department will be funding 46 teachers attendance at this 4 day event. At least 9 teachers from Littleton Public schools will be presenting at this international conference. Congrats to all teachers from LPS, but a special shout out to our ETAC committee members who have gotten their presentations accepted.

*Denver Tech For All* is a local group that refurbishes donated computers and gives them to low income families. Over the last several months, LPS has donated 250 computers which have been redistributed to families who otherwise would have no access to technology. The ITS department recently got word that two students of the Sheridan school district stayed in high school due to this program. The program is making a difference in student lives.

### **7:45 PM - ETAC Breakout Session- K-2 Labs: Ideal classroom mapping**

The committee broke into groups to discuss what they believe the goal of technology in K-2 should be, and what the ideal classroom should look like.

#### **K-2 Room Setup:**

**Group one:** No front of the room, all walls are writable white boards, discussion center carpet in the middle of the room, need a teacher station where individual instruction with student(s) can happen, technology corner, and a movement area.

**Group two:** Very flexible and open environment, moveable furniture that can reflect the type of task at hand, (high desks, low desks, tables, couches, stools,) furniture that can function together or apart. small group area to lend to collaboration, dry erase table tops, use of color in classroom, and natural lighting.

**Group three:** Small group meeting area, document camera, large whiteboard space, a teacher workspace, storage space around the classroom for books and other materials. Day of the individual desk is gone. iPad tablet area, quiet reading nook, different shape and size tables with a whiteboard top.

**Group four:** This group felt that young children enjoy having their own desks to keep their own markers, pencils, etc. This structured look and feel would only be for the beginning of the day when the teacher greets students and explains the expectations and tasks for the day. The desks should be moveable so that they can be rearranged for collaboration, small group, and share time. Quiet reading corner, 3D virtual station (giant tree talking about a subject matter) Keifer Wilkins will build it! iPads/tablet station, teacher area, movement area.

Goals for K2 tech brainstorming session:

- Need for keyboarding AND touch screen training. Touchpads for K-1 transitioning to keys in second grade.
- Login skills, keyboarding skills
- Touchscreens are better for young primary students
- iPads are more engaging
- Need for variety, there are different learning styles to be accommodated, have an array of choices. text to speech, touchpads are better for K-1, or use both concurrently.

**Next ETAC Meeting will be on  
February 3, 2016 at the ESC**

**There will be a presentation from Franklin Elementary School.**

**8:30 PM –Adjournment**