



**Educational Technology Advisory Committee- ETAC
Meeting Minutes for December 4, 2019**

**Chair: Eliska Martinez Chair-Elect: Kim Bogue
Administrative Liaison: Mark Lindstone
Technology Director: Mike Porter
LOCATION: Ralph Moody Elementary**

5:30 PM – Arrival

6:00 PM – Convene Meeting: - Mike Porter for ETAC Chair Eliska Martinez

PLEDGE OF ALLEGIANCE

6:02 PM –Call to Order Mike Porter for Eliska Martinez

**6:05 PM - Celebrating the Successes of Ralph Moody Elementary -
Dr. Allyson Mallory, Principal and Ms. Susan Brotherton, Media Coordinator**

Dr. Mallory introduced Ms. Susan Brotherton who described the “Moody Makery,” or Makerspace. The Makerspace area is a workspace where students can have hands-on experience and learn by discovery using computers, machining, technology, science, digital art, or electronic art. Students can learn individually or can meet, socialize and collaborate together.

Designing of the Moody Makery area included painting bright, energetic colors on the walls, along with a variety of creative flexible seating for groups or individual projects. Ralph Moody Elementary emphasizes and fosters an environment of empathy, in this spirit of empathy, a kickoff challenge was proposed to fourth-grade students called the *Moody Playground Challenge*. Students were asked to design a playground on the grassy area at Moody that would be fun, and accessible to all (including wheel-chair bound students) safety was also a factor to be considered. Ms. Mallory said this was an excellent project with very notable outcomes.

In addition, students learn to use coding games, how to build structures like bridges, they also create and make planters.

Other Makerspace programs include:

- 3D printing (design and build emoji parts to apply to a pumpkin)
- CAD programs
- Use of Tinkercad (building and learning in 2D 3D)
- Snap circuits

Moody continues to add a plethora of other learning programs, games and activities. A copy of the Moody presentation to the committee can be found [here](#).

7:15 PM - BOE Report- Ms. Lindley McCreary

The committee welcomes and congratulates Ms. Lindley McCreary on her election

success as a Board member for Littleton Public Schools. Lindley replaces Dr. Robert Reicheardt as our Board of Education liaison to the ETAC committee. A Littleton native, who along with her children, has gone through the LPS educational system, Ms. McCreary is a chemical engineer by profession. She reported the following to the committee:

- The long-range planning committee will be presenting ideas around boundary changes at the next Board meeting.
- She and the other members of the LPS Board will be attending the CASB conference. Board members from across the state meet and exchange ideas.
- As LPS moves forward with the new career center, the need to partner with business members and community members in the LPS district becomes critical. The district has funding for the building but is challenged in the area of staffing. If anyone would like to foster growth within the district by partnering and devoting time to teaching our students, please let us know.

7:30 PM - Foundation Report - Beth Best- Executive Officer

The Littleton Public Schools Foundation has one mission and that is to raise dollars to support educating kids in our community. That's it, plain and simple. We do that through garnering financial support from our local business, corporate and parent communities. To support educating kids, the LPS Foundation provides funding for:

- **Grants to teachers** to help pay for nearly anything needed in classrooms for all subject areas;
- **Professional development** so teachers can continue to learn;
- **Mental health** support so staff and students have the resources necessary to work through adversity;
- **Educational technologies** such as desktop computers, Chromebooks, Ipads, Smartboards, electronic scales, advanced calculators, 3D printers, laser engravers, software, and cloud-based programs, Kindles, digital drawing tablets, sewing machines, microscopes;
- **Educational resources** for reading, mathematics and science programs both online and print materials;
- **Wellness programs** such as Playworks at all elementary schools, climbing walls, school gardens, spinning bikes, and food pantries.
- **District-wide initiatives** and level programs.

The Foundation's goal is to raise \$75,000 on Colorado Gives Day to ensure that they can continue to provide additional programs and supports to all students served by Littleton Public Schools. They need YOUR help, they cannot do this alone. Please consider making an investment today.

7:30 PM - ITS Report - Mike Porter

Mr. Porter reported on the following:

- The Cherry Creek School District experienced an email account compromise that unintentionally and inadvertently sent malware email into our LPS district; further proving the necessity for two-factor authentication.
- Ransomware is the fastest-growing cyber-attack using email as a vector. The ITS leadership personnel met with members of the city of Littleton to discuss how

might such an attack be handled if needed.

- A presentation will be made at the Colorado Association of School Boards (CASB) conference regarding the approach and focus in which the Littleton Technology department partners with the leadership of the social/emotional wellness department to be proactive in the realm of student safety.

An excellent event called "An Hour of Code" was held at Arapahoe High School, approximately 200 families attended. Students showed off their skills with the use of drones, robotics, coding, and other fun activities in the realm of technology. Parents and other attendees were highly engaged.

Presentation by Steven Almer-

Mr. Steven Almer attended Littleton Public Schools throughout his K-12 education and was a graduate of Arapahoe High School in 2014. A graduate of the University of North Dakota with a major in electrical engineering with a focus in aerospace and a minor in math, but he's always had a passion for flying and had already logged 22 hours of flight time by age 14.

Steven is currently working for Bye Aerospace. Bye Aerospace is a world leader and innovator of electric and solar-electric aircraft. The company was founded in 2007 and is headquartered near Denver at Centennial Airport. Steven is involved in developing and flight testing prototypes of all-electric general aviation training, personal and business aircraft, and medium and high altitude solar-electric long-endurance UAVs, (unmanned aerial vehicles) focusing on advances in energy and design efficiencies.

Bye Aerospace is growing and revolutionizing the general aviation field of aerospace and defense industries. Bye Aerospace was named one of the "Top 50 Colorado Companies to Watch" for 2017, and Denver Business Journal selected Bye Aerospace as the "Small Business Award" category winner for 2018. With only 47 total employees, Steven has his hands in much of the company's endeavors.

Congratulations and good luck to Steven Almer, an LPS success story!

7:30 PM - ETAC Committee Breakout and discussion-Ransomware

Community Values Exercise: [Ransomware](#)

The committee read the above information regarding ransomware. The committee then broke out into groups to discuss whether or not:

- 1) Should the district inform the LPS community about the attack? What would you want to know about the event?
- 2) What do you think should be our stance be should this occur, pay the ransom or not?

**Next ETAC Meeting will be on
January 8, 2020
Newton Middle School**

8:00 PM -Adjournment