



LANE EDUCATION SERVICE DISTRICT

1200 Highway 99 North
Eugene, OR 97402

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www.lesd.k12.or.us

EQUITY COMMITMENT LEADERSHIP COLLABORATION INTEGRITY

Lane County Technology Advisory Committee Thursday, January 17, 2019, 1:00pm-3:30pm Lane ESD Room 5

MINUTES

Present: Charles Ranlett (LESD), Daniele McCallum (LESD), Jason Dodge (LESD), Jesse Baber (South Lane SD 45J3), Michael Bateman (Fern Ridge SD 28J), Roger Morris (Eugene SD 4J), David Bolton (Bethel SD 52), Gerald McCool (Oakridge SD 76), Richard Reaksecker (Fern Ridge SD 28J), David Nelson (Eugene SD 4J), Doug Osborne (Crow-Applegate-Lorane SD 66)

Presentation: Maddy Ahearn, LESD: Gigabots, Elevate Lane County, MediaNet, LaneSTEM, CTE

Maddy is a STEM Specialist. She supports teachers with instruction and curriculum support. Focuses mostly on real-life math curriculum and CTE programs across 8 districts. Funded out of LaneSTEM, program of Connected Lane County, works with [Elevate](#). Richard from Fern Ridge attended recent outreach celebration where Fern Ridge students reported to Superintendents and ODE that they want more engaging learning opportunities in their school, like their robotics club. Another program is Gigabots, featured at the winter celebrations, program going on for about 15 months now. Gigabots supports 4th & 5th graders learning how to code. We have a group of all female coders that assist with the coder-in-residence programs, who work with students and teachers to teach them how to code. Thanks for the good networks all the school districts maintain. Right now there is a partnership with the UofO, learning if this is an effective program. Districts are now getting connected for this winter session of the Gigabots. When they are not in classrooms, they can be checked out by any district in the county through Lane ESD's [MediaNet library](#). Teacher would need training to support learning with the set. Also in the library are 3D printers, STEM kits, digital music production equipment, other cool new tech equipment purchased with grant funds.

Heidi Larwick, Director of Connected Lane County, works at meeting needs of high school students connecting to what they want to do after they graduate. Career-related experiences, 7th and 8th can do fall career expo which has hosted about 2,500 students and showcases booths from industry partners related to career. 9th and 10th grades can do job shadows, pair with someone in the community. Juniors and seniors can apply for internships. Seniors can attend job fair sometime in April. Student come in suits and ties and can interview for jobs in our community. They request most of the businesses be able to hire some students right out of high school.

The program also offers teachers to work for industries in the community, then they can take what they learn from that experience and apply that in the classroom. Math, tech, shop teacher, tech firm, learn what is actually happening in the industry. Teachers say it has been the best PD they ever had.

Charles asked what types of tasks do they do: Examples include building websites, data analysis that a chemistry teacher did for So Delicious (<http://sodeliciousdairyfree.com>): QA procedure, learned where chemistry is being applied in real life. The industry partner does not get anything out of it but intern work, Elevate Lane County pays for the time.

Just started a huge push for computer science in the county... two years ago, there was only one computer science program of study in CTE. Before, mostly everything was just doing typing classes which wasn't substantial. Started regional advisory for technical education, for CTE recognized study, lots of federal dollars, need industry



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partners to vet this. Tonight quarterly meeting for the advisory, Daniele is a member, LCC CS Dean, UofO CS Dean, might be relevant to your work as more of the programs are for the students.

David asked what's the progress at the state level? At an OSBA meeting, one of the roadblocks shared is that teachers don't get or meet the credentials for official CS classes in HS. We are trying to overcome this with CTE programs. Why don't we credential teachers easier for this.... Our region is somewhat ahead of the state in this realm. We are working at getting CS credentials recognized as math and science credit for student transcripts/transfers. Workarounds getting board to approve math credit for the CS. Measure 98 getting fully funded - should get more money and recognition for these programs. Jason asked what about Cybersecurity? This is one of three programs of study, as a recommendation. Cyber security, web design, IT Support. There are two new cybersecurity firms in Eugene that Elevate Lane County and TAO are working with. These are examples of our great industry connections. During the Spring Regional advisory meeting, South Lane had four students that talked on the course they are taking and their experience. Elective was Intro to Programming. Michael asked how to be more connected, teachers can go to website and you can sign up for events.

Recurring Items

- **Service Incidents** — *A review of LESD service interruptions since last meeting*
- **E-Rate** — *Quick recap of any news this month*
 - District profiles were locked from editing on January 15, districts should have their discount percentages set.
 - Nothing new to report, special construction, Century Link might be able to build to Marcola and Crow so we might not have to do special construction after all.
 - South Lane, after not hearing anything, new question came in about scoring matrix, then more inquiries for Douglas FastNet, now in a queue for what appears to be a "high scrutinized" group. May be the last stage before they approve, we hope. Finding they are requesting some of the same information.
 - USAC possibly changing who they are contracting with for review applications.
 - LESD RFP for new ISP contract

Professional Development/Events:

- 1/25/2019 - VMware vSphere Optimization Assessment Workshop (Portland @ OHSU) Hosted by Dell EMC
- ACPE, May 1-3, 2019, registration opens February 1st
- Classroom Technologies for Immersive Learning presented by TIG and Promethean in Portland, Wednesday, February 6th 10 AM - 12:30 PM

New Items

- LCTAC Google Team Drive:
 - Will create this for more LCTAC sharing. Specific district folders for items Lane ESD handouts. Will think of some ideas on the structure and what to be in there. More to come as well build it out...
- Internet-of-Things, Voice Assistants:
 - Concerns around privacy, there is vague information regarding if these violate FERPA, COPPA, HIPPA, etc.. David expressed not only the privacy piece, but the devices are not enterprise devices and difficult to add to networks, securely. ACPE mailing list respondents are worried and most districts are educating and communicating to their administration the concerns teachers may not be thinking about. Discussion around smartphones being similar and that they are listening too, some schools are collecting phones at primary grades before



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students go into classroom. This is not a technology issue, but a policy issue. The number of teachers wanting these are low, discussion with administration in districts is still about allowing smartphones in the classroom. Taking photos of kids with staff personal phones, calling and texting parents is the focus now with administration.

- Outages membership:
 - Reminder to keep Lane ESD up-to-date with what contacts should be for their districts in the event of an outage.
- Charles presented email examples of recent attacks:
 - “Are you there” email scam example: Discussion on how to get everyone informed about these, it is no longer a technology issue, but a human issue with some of the examples shared. Michael questioned if Lane ESD can put in a banner for Lane ESD email for external emails? Daniele said yes, our spam filtering device can append a subject warning. David Bolton shared an example of their implementation of a banner & reported some compromised accounts; end users still clicking on bad links despite having the warning banner that message is external. Social engineering is more prevalent now. Need to send more routine reminders about these scams. Please send suspicious emails to NOC so we can use that information to check if any other district have similar events.
- LBL ESD:
 - Daniele met with staff from Linn-Benton-Lincoln ESD, they talked about what their technology department does. Jason and Daniele visited LBL about two years ago and met all their staff, and we shared what we all do. Both ESDs share services for districts. LBL ESD staff may join an LCTAC meeting in the future. They provide SIS, Tienet is used by lots of Lane County districts.

Round Table

- Filtering review: eSports and Gaming Clubs
 - Should we offer scheduled policies to accommodate these groups?
 - Michael: for apps, we strive to get the Principal to endorse it.
 - David: Instructional Tech vets some for the apps. Currently doing a process modeling/auditing at Bethel. Results now finding needs to work on documentation. Effects of wearing too many hats and needing to stay on top of compliance.
 - Consensus is that there is no model district for these topics. These concerns shouldn't just be technology. Need to work on better policies.
- AD and file server operations:
 - Where are districts currently? What are plans for the future?
 - South Lane: Most student devices are Chrome-based, so Drive is heavily used. Sees file services diminishing soon. Frustrated with Microsoft licensing. Foresees Google Classroom improvements will push Chromebooks even more.
 - Lane ESD: Google resources does not meet our general personnel needs.
 - Fern Ridge: Sticking with Microsoft, worried about relying all on Google when they might change. Seeing in the future Chromeboxes and maybe one power user lab for students.
 - Bethel: CTE grant for middle school. Wanted macs, 2-in-1 Dell laptop can do everything if not more than what the Mac can. Plus, Windows work folders mirror files really well. Simple setup



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- Remind101 – free service no longer delivers to Verizon for free, charging fee. Verizon might exempt K-12 from this.

Next planned LCTAC meeting:

- **Thursday, February 21, 1pm-3:30pm, Lane ESD Room 5**
- **March meeting has been rescheduled to March 28, 1pm-3:30pm at Harrison Elementary (library meeting room) 1000 Taylor Ave., Cottage Grove**