LANE EDUCATION SERVICE DISTRICT

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LANE ESD
Shaping the future:
Supporting excellence in education

EQUITY   COMMITMENT   LEADERSHIP   COLLABORATION   INTEGRITY

Lane County Technology Advisory Committee
Thursday, September 20, 2018, 1:00pm-3:30pm
Lane ESD Rooms 5/6

MINUTES

Present: Daniele McCallum (LESD), Christina Okesson (LESD), Jason Dodge (LESD), Gerald McCool (Oakridge SD 76), Nathan Bowers (Lowell SD 71), Bob Adair (Junction City SD 69), Charles Ranlett (LESD), Steve Traylor (Pleasant Hill SD 1), Michael Bateman (Fern Ridge SD 28J), Jesse Baber (South Lane SD 45J3), Cameron Yee (LESD), Richard Reaksecker (Fern Ridge SD 28J), Doug Osborne (Crow-Applegate-Lorane SD 66), Nathan Compton (Ambient for Marcola SD 79J & Blachly SD 90), Matthew Haye (Ambient for Marcola SD 79J & Blachly SD 90), David Langan (Eugene SD 4J)

Presentation: Jamie Campos, State E-Rate Coordinator

Christina will post the slide deck for this presentation along with the minutes. Jamie's State Advisor role is free to all districts. She will be sending a survey to get information about what kind of trainings we would like to see in this region, since there is no USAC training in Portland this year (closest one is in Sacramento). See the ODE website or email Jamie to get subscribed to the state e-rate listserv. David Langan asked about districts with budgeting concerns over spending the money upfront and then having to be reimbursed. There is an option to pay vendors only your 20% and then the vendor invoices USAC; this is called "SPI billing," which can be requested in your E-Rate application. It does depends on the vendor invoicing correctly, you would want to make sure to include in your contract that the vendor is responsible for their portion of the process. The Oregon Broadband initiative at the OSCIO's office is targeting small districts and their broadband issues, that is where the state match comes from. The South Lane special construction project applied for state match, they have the money to pay their share from their bond if it doesn't work out, but right now it is looking good to get funding 100% with state match. How much work it takes to implement E-rate supported projects is a factor into how often districts apply. You can go to USAC's website to check what is remaining in your Category 2 budget. October 28 is the final date to invoice for 2017-18. There are 2 districts that haven't invoiced yet, Jamie will send emails to LESD about that so that we can make sure those districts receive their funds. David Langan asked about Category 2 and the likelihood of FCC rules changing to allow maintenance agreements. Jamie believes that you can go out to bid for maintenance agreements from Category 2 funding, without related equipment. David will check with Bill about that. Michael Bateman asked about hardware devices for security, but now virtual machines can take the place of those for less cost. Fern Ridge applied for an appliance that was approved, but then they changed the SKU for that device that then caused a problem with SLD and he lost out on that. Please bring those examples to Jamie when they come up so that she can advocate for you. The ALA stakeholder group (Libraries), and State Coordinators Group (Schools) can put pressure on USAC for resolutions. The SICA group is the national level for state coordinators. David asked about other districts paying for managed services such as wifi managed networks. Jamie hasn't seen that specifically. Jamie gave the example of an ESD going out to bid for special construction for lit fiber to a district (Columbia Gorge on behalf of Dufur SD).

Presentation, continued:
There are some state grants available, they are mostly about connecting communities and not specifically for K-12.

Recurring Items

- **Welcome to LCTAC – introductions, new members**

- **Service Incidents** — *A review of LESD service interruptions since last meeting (Jason Dodge)*

- **E-Rate** — *Quick recap of any news this month*
    - Upgraded services are in place for Creswell (1gbps), South Lane (10gbps), Blachly (500mbps), and coming soon Bethel (10gbps), change of service provider for Monroe SD to PEAK Internet.
    - Lane ESD is investigating going out to bid for special construction for fiber into Crow, Marcola, and possibly Oakridge (to Westridge building) for 2019-2020

- **Professional Development/Events:**
    - Xiologix & Fortinet, September 20, Eugene: https://www.xiologix.com/it-growler-fill-eugene-2018/
    - TAO Tech Tour, September 20, Eugene: https://www.eventbrite.com/e/2018-eugene-tech-tour-tickets-47677756453
    - Oregon Ed Tech Cadre is open for new memberships and event on Sept 25-26 at ODE: https://www.oregonednet.org/blogs/oen/join-oregon-edtech-professional-development-cadre
    - October 2, State of Oregon Basecamp IT Security Services Kickoff, Salem or online: https://www.oregon.gov/basecamp/Event_Materials/Agenda_IT_Security_Services_Kickoff_10-2-18.pdf
    - October 12 PNW Google Summit Vancouver, WA: https://googlesummit.org/
    - VMUG (VMware) October 25, Portland: https://www.vmug.com/Attend/VMUG-UserCon/2018/Portland-VMUG-UserCon-2018 **OR Virtual:** https://www.vmug.com/Attend/VMUG-UserCon/VirtualEvent
    - Web accessibility training @ LESD, Nov 7-8: spread to staff in your districts who contribute to web content. The 2nd day is more technical and will be a smaller group, more appropriate for LCTAC members. http://www.lesd.k12.or.us/workshops/index.html
    - Juniper Bootcamp by PNW Security at LESD on December 6th. Jason is also working with the Juniper Education manager on other training opportunities. Jason will follow-up to LCTAC list on free online training resources.
    - Fiber optic training will be offered at LESD on October 23rd, same vendor as last year but different subject matter.
    - Charles is investigating VMware training options and will be able to report back after he has taken those, with which ones would be valuable to district staff.
    - Fortigate training opportunities are being investigated.
    - October 25 2:00-4:30, LESD will host Eugene 4J's Apple technical update, Christina will forward the registration info when she gets it
    - David Langan mentioned AWS as a good topic for future trainings. Possibly also Microsoft (Office 365, WSUS, security, etc). Training on security of networks and good practices around management.

Round Table

- Michael Bateman: Google classroom access for parents. The Parent/Guardian email feature was problematic at the time of the last training. Fern Ridge has a staff member that wants to use it but is waiting for Michael to get feedback from this meeting. Is anyone using it? Are there controls? He is thinking about integration with their SIS/LMS? Whose role and responsibility is it to make sure that the emails you use are in fact the emails the district has on file for parents/guardians. It can be a direct line of communication to "someone." Marcola and Pleasant Hill it is not enabled. South Lane disabled, but nobody has asked about it. 4J may have it enabled, they don't allow outside domain sharing. There is no authentication as a piece of this, it is just a text field. If it is turned on, there is a management API that you can upload the info and the teacher just chooses which one(s) to use. Parents can opt out. It comes down to having something integrated, but who maintains/supports it? Make sure that your use of parent emails matches what you told them you would use it for when they provided it at registration (Jesse). Might require a change of language in that opt-in agreement to parents.

- Eugene 4J Special Ed department has a chrome extension plug in for Gsuite that allows them to view/manage settings for Gsuite groups. What about a 3rd party doing this? Read/Write chrome extension wants permissions to execute and make changes to the Google dashboard. Richard mentioned that Crow had looked at this last year. David will keep us posted and will email the settings they use to the group. LESD has had a request for this as well.

- Cybersecurity: An email went out in June to Superintendents after the Roseburg ransomware event. Daniele presented Tuesday at the Superintendents' meeting with the handout (will post with the minutes). They had a discussion around the internet-of-things and what it means when every device can access the internet. Summer projects at LESD HVAC, moving phone system to a segregated network, also security system. Daniele made sure to mention to the Superintendents that tech staff needs to be involved in facilities projects such as these. Employee education is a large part of this conversation, and staff having comfort with reporting. Daniele will send a link to the larger security document that she read. LESD is a member of ISAC, Jason has been attending their webinars regularly. They are a great resource for public agency best-practices. State of Oregon Security group is still in the works, Daniele will report if more comes from that.

- Raw emails on websites, email harvesting: Concerns with raw emails on websites is linked to targeted phishing which comes as a result of having name, email, and job position all listed. This allows bots to collect and then generate emails that help them successfully pose as that person. You can have open transparency and post this information, but take simple measures to guard against this. You can use email aliases (i.e. supt@districtname vs the real email), and Charles can help with this. You can adopt an internal policy of using signatures that people can easily recognize is actually from that person. The ESD has a unique vantage point of seeing the types of phishing that districts across the county get hit with, and this seems to line up with the same districts that have easily harvestable contact info on their websites. Employee education is a component of this. Example of Mapleton business manager getting a phishing email that really looked like a legitimate communication from their bond vendor. The only thing that stopped them from following through was the request for a wire transfer of funds. Another example of the iTunes gift card request phishing email that was received by several districts.

- Summer projects recap – and for the school year – this item will be moved to the October meeting agenda due to a lack of time

- SMART provides certification training: installation, configuration, testing and troubleshooting; both online and in-person versions. LESD is hosting the non-certification course at Lane School on October 12. Jesse has someone interested, also let James Grubic know.

- Wireless projection systems: Who has what? LESD has two in use: Airtame in a small meeting room, and Miracast in another. Both of these are low-cost entry-point devices, with similar results. We have a wired backup in case they don't work. We are NOT 100% sold on mass-deployment of either one to all of our meeting rooms, the application install for Airtame is tricky. Miracast occasionally drops off or doesn't disconnect automatically. Michael Bateman asked about the audio/visual sync for video media commonly being off. Airtame has a more noticeable delay, but audio/visual for presentations or recordings is synced. Fern Ridge has tried the Epson wireless product but hasn't rolled it out yet. If you use the speaker on the projector the audio is not synced. If you use speakers, it is correct. Tried IO gear box, low cost and it seems to work, but lost dongles is a problem. They are clunky and require power. Pleasant Hill uses soundbars because of the audio issue with projectors. There is some lag. Bluetooth sometimes has a little latency, but it is pretty close. No district experiences with Extron product, it is a much higher cost. David Langan thinks Springfield may be using this. Richard asked if Miracast is tied to specific hardware specs – it appears to work well with our standard LESD staff laptop config, we haven't investigated those specs. Jesse has tried a Chromebox with Chromebook for presenting. Ambient got Chromesticks with HDMI for projectors, they are working well. Ideal for Google services. $100 total for the package with keyboard, etc. Eugene has some Apple TVs in place, great with Apple products. Crow is running 1-2 systems in rooms, with HDMI extenders to keep the dongle away from the computer. Small items get lost often. Wouldn't want to deploy that widely. 4J is implementing Apple Classroom for teachers to manage devices/projection. Richard has seen that at Marist. SMART has a service called AMP that they have looked at. South Lane newest building got SMART touch panels, teachers put their lessons on USB and they plug into the board instead of using the wireless feature.

Next planned LCTAC meeting: Thursday, October 18, 1pm-3:30pm, Room 5 at Lane ESD