

2015-2016 Regular Meeting of the Technology Advisory Committee (TAC)

Fremont Unified School District, Technology Training Center, District Office, 4210 Technology Drive, Fremont, CA 94536

April 4, 2016, 7:00 p.m. – 8:30 p.m.

Call to Order: 7:09 p.m. at the Hopkins Junior High Flex Room

Roll Call & Introductions:

| Fremont Community Member | Present (Y/N) | FUSD Staff Member | Present (Y/N) |
|---|---------------|--|---------------|
| Biju Abraham, American Attendance Area, Ardenwood Elementary | N | Thom Birbeck, Coach C & I Dept. & FUDTA Rep. | Y |
| Goutam Das, Mission Attendance Area, Hopkins Jr. High | Y | Anne Damron, School Secretary, & CSEA Rep. | Y |
| Sameer Desai, Parent, Forest Park Elementary | Y | Jeff Downing, Computer Specialist, Millard Elementary | Y |
| Linda Licari, Washington Attendance Area, Niles Elementary | Y | Maile Ferreira, Teacher Librarian, MSJ High, FUDTA Rep. & FUSD Librarian | Y |
| Robert Hou, Mission Attendance Area, MSJ High | Y | Danielle Girard, Instructional Tech Coordinator | Y |
| Vikram Jung, Mission Attendance Area, MSJ High | Y | Michelle Hartman-Gruber, Campus Supervisor, & SEIU Rep. | N |
| Rebecca Smith, Mission Attendance Area, Chadbourne/Hopkins/MSJ High | N | Prince Padania, Teacher, Oliveira Elementary | Y |
| Peter Xie, Parent, Parkmont Elementary | Y | Rob Reibenschuh, Asst. Principal, American HS | Y |
| Seated Voting Members: 16 | | Quorum Met: yes, 13/16 | |
| | | Joe Siam, FUSD CTO, ex-officio, non-voting | Y |

Guests: none

Approval of Minutes: Sameer Desai made a motion to approve the minutes of the March meeting.. Vikram Jung seconded the motion. TAC voted unanimously to approve with those absent from the March meeting abstaining.

Approval of Agenda: Linda Licari motioned to approve the agenda; Vikram Jung seconded the motion. TAC voted unanimously to approve the agenda.

Oral Communications - Comments from public or members on items on agenda --None

AGENDA ITEMS

Since TAC agreed to meet in at Hopkins, members asked our host Thom Birbeck to give a “tour” of the facility as a meeting opener. Thom gave showed members the flex room noting the technical equipment, Powergistics wall rack charging stations and furniture. The carpet was the most expensive item in the room. Teachers and administrators have learned that by not rearranging the furniture in the room at the end of a period or day, that all have learned to see alternate ways of structuring classrooms by moving the tables and chairs. The room contains large rolling whiteboards, that can be used for student work stations or to cordon off sections of the room. The room also serves as a student art display area featuring the Hawk mascot. Wireless printers and a sound system that includes a cordless headset microphone are other features such as interconnectivity to the HDMI port (not working during our visit). The wall behind the screen is painted with an epoxy that allows it to be used as a whiteboard. Hopkins has now installed a second smaller flex room, Mission High is installing a flex room and Blacow Elementary is also installing a similar room. Hopkins teachers sign up for use via a Google doc that allows then to sign up for the two nests and six carts at the school. Estimates for the cost include \$20,000 for the industrial carpets, TVs at \$500 each, Sound system from \$9,000-\$15,000, Chromebooks

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at \$300 each times three racks of 16 each, Powergistics racks at about \$1,800 each. Total is around \$55,00 paid for via a variety of funding sources over two years. Peter reported that a classroom at Parkmont has a similar set-up acquired via a grant that was awarded to a teacher.

CTO update: In lieu of an update, Joe Siam, CTO, used the time to review the Wide Area Network (WAN) project the Tech Department is proposing for FUSD and that was discussed briefly at the last meeting. He presented information that has been compiled from the bids received by the purchasing department and analyzed by FUSD's E-Rate Funding consultants. Results included data on all seven vendors and a weighted vendor score sheet. Based on the data presented, Joe and the Tech Department are recommending that FUSD contact with Sunesys. Joe also detailed how E-Rate and California Teleconnect Funding can help FUSD pay less than the bids actually show.

Thom Birbeck made a motion that TAC agree with the recommendation that Sunesys be selected for the WAN Vendor contract with the flexibility for FUSD to choose a 3.5 or 5 year contract. Linda Licari seconded the motion. TAC voted unanimously to approve the motion.

Members asked FUSD to evaluate redundancies and network design as the process proceeds (for example, moving away from bus design to mesh network design).

IT Upgrades/Funding Sources: Joe presented another set of information regarding the Measure E LAN IT Upgrade project and the current funding source. The project is behind schedule. Joe noted that changing the funding sources might speed the project. The Tech Dept is suggesting applying for E-Rate funding to purchase some of the equipment using pre-approved E-Rate vendors (and the labor to install!). Using the SPURR funding and E-Rate funds to purchase the network equipment could result in potential savings of \$2 million. This would free up Measure E dollars to pay for cabling (not eligible for E-Rate funding). The savings could potentially be used for other needed technology projects such as phones/voicemail/clocks/bells/speakers that Measure E funding could be applied to. Members asked questions to clarify the needs, funding and wiring issues. Joe noted that standardization of equipment would be an additional benefit of this change.

Linda Licari made a motion that TAC support the CTOs recommendation to use SPURR/and E-Rate funding for hardware and Measure E funding for wiring. Peter Xie seconded the motion. TAC unanimously approved the motion.

TAC Review Proposal subcommittee update is postponed until the May meeting.

Membership Update: Robert reported that the two-year terms of three members end in May 2016. All three members have indicated that they plan to re-apply. Trustees have indicated that they would like to review the applications—Joe and his Staff Secretary will facilitate these applications. TAC expects the item to be on a May board agenda.

Chair Jeff Downing noted that he and past Chair Rebecca Smith have agreed to collaborate on a TAC update to the School Board that will span 2 years of accomplishments. TAC expects this to be calendared for the July School Board meeting.

Possible Future Agenda Items:

TAC Review Proposal form update

Tech Survey Subcommittee report

Update on internal document - Technology Roadmap

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Technology Plan Update—seek guidance

New Members—May applications to School Board

Election of Officers for 16/17 –June (first meeting of the new TAC year)

Revisit Content Management Systems (CMS)

MEETING ADJOURNED: 8:43 p.m.

NEXT MEETING:

Monday, May 2, 2016 FUSD Tech Training Center, District Office

Acronyms...Defined

LAN: Local Area Network

WAN: Wide Area Network

SPURR: School Project Utility Rate Reduction

E-Rate: E-Rate is the commonly used name for the Schools and Libraries Program of the Universal Service Fund, which is administered by the Universal Service Administrative Company (USAC) under the direction of the Federal Communications Commission (FCC)