

Steering Committee Meeting

Team Meeting Summary

- Team: PD
- Date: Dec. 9th 2016
- Members Present: 15
- Notes:
 - Join the LinkedIn Page
 - Conference Review
 - ***Low cost, Cost Free***
 - Overall, went well, good feedback from teachers
 - Same day as District Learning Day?
 - Scheduling presented some conflict, some teachers unable to attend
 - Moving forward, more diligence in messaging faculty and getting the word about the event
 - Reducing angst
 - Dropbox/File Hosting of Presentation Materials
 - Evaluate September versus February Dates
 - Multiple conferences to provide multiple opportunities?
 - District consideration
 - Expansion?
 - Space could handle it, budget probably couldn't
 - Reducing length of large keynotes to provide for interpersonal interaction
 - Rooms available for smaller groups
 - 2-day conference?
 - Pros & Cons of Charging for Attendance

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- How do we maximize participation (and value) for online community of practice?
- How do we effectively expand the STEM Hub into rural areas within our service areas?
 - Mobile STEM Bus
 - Carry the activities to the rural areas
 - Arizona Immersion Guide
 - Increased communication with Rural counties
 - Information about STEM as well as programs
 - Training and additional information
 - Reach out to administration
 - Tipton County (and likely others) host in-house Administrative Days and cannot travel to Memphis or other locations for events
 - Determine a central location
 - Provide information to schools
 - Central Hub of Resources Available to Teachers
 - Website
 - Ease of Access
 - Personal Connection
 - Contacts for Human Resources
 - Promotion of MakerMinded --> Communications
- Partner plans for spring PD?
 - Working with UT Knoxville to start a program
 - Keep an eye out for emails about Spring Events
 - Webinars in February and March- Vex IQ, Vex VDR, and online events
 - February 10 PD Day for Shelby County

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West TN STEM Meeting 12/09/2016

Sustainability

James Stokes
Peter Pritson
Steven Slos
Jennifer Rodriguez
Keno Wroghy
Jim Fitzhenry

Conference Review: What worked well? The space was great, presentations were good, interactions with educators, good questions and topics.

Limited to 300 max due to the space, maybe don't turn people away at 300, because only 240 people attended out of those that registered. A lot of districts represented, but do not know breakdown of percentages of those that came. Get a lot of local people, but hard to get those far away. **Goal setting, x number of people per district.**

Conflicted with not being able to attend every sessions because some were at the same time.

Look into streaming audio and video online. Expand the reach.

Announcing it is online for future access – rest your mind knowing you can see the sessions later.

Send out the agenda ahead of time. Can help with room sizing for different sessions.

Issue was with main room size, not breakout sessions.

TSIN conference at Embassy Suites in Murfreesboro is a large space that can hold many people.

Considering downtown as a location, economical consideration. Keep downtown in mind for smaller conferences/meetings. St. Jude is about to spend \$1B, recruiting people from outside, should consider. On the other hand, reaching out to rural locations, Collierville, Millington, or Arlington as a location for conferences.

Shelby County office of Sustainability: John Zeneh – starting point for conversation, Shelby Co. government

Networking piece of conference is important. Maybe continuing to bring TV stations to record segments, put conference on news. Geared towards teachers, chose in-service day for teachers, which is critical so that they can attend. Teachers were treating it as a day off, found yourself competing to hear what was happening on the stage over teacher's conversation. Administration put more emphasis on what the purpose of the conference is, educating teachers. Making sure everyone is engaged. Maybe suggest that when teachers come back from meetings, they have to present on the material, bring back

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things they learned and things they can implement. **Hub can look at it from incentive standpoint – maybe financial reward at the end of it.***

IT: what is IT? Development and coding, clarify that IT is many things. Sell these facts to students. How do we get more industry involved? Funding to get teachers certified for teachers to educate students on IT opportunities. How do we get companies to adopt a school, mentors to work with the kids?

Chamber of Commerce has program to get industry involved GMWD; partnering with organizations to get the word out to put programs together and mostly outreach to schools. Getting companies to come in and collaborate about transportation industries. Start with younger students, make sure students know the actual meaning of what industries and people are telling them. Have to incorporate soft skills with technical skills.

Summit: How do we come up with place to get everyone together? How do you get companies/professionals engaged in schools? Job needs, education needs, getting harder to find that talent. Doing surveys, getting information, figure where the companies want to go, lunch discussions, talk specifically about females and minorities. Minority and gender balance grouped by entire stem, rather than by biology, engineering, etc. Get in with Management Information Systems (MIS).

Just about everyone hires technical professionals. Memphis IT Council. How much time are professionals willing to give up? Late afternoon, early evening, not entire day.

Industry can commit to Continuing Education for half a day. We want corporate sanction.

TN department of Education – set up council on how to integrate STEM into educational system, industry and K12 representatives.

IP building can hold 250, people buying in, publicize this – others will want to follow the heard. Get someone from legislature to come see and speak from this level. Key figures to come here, commissioner of education to come since he's close to the STEM initiative.

Middle schools, high schools, they have to go to college. U of M, companies get involved, they will want to attend. Hospitals get involved – they're big employers, not just for health professionals, but everyone else. UT Health Science Center at front of corporate lineup also St. Jude. Time frame: next fall.

District Learning Day

worked for everyone except Shelby County Schools

option does not have a DLD.

FEB 10, SCS and Municipality DLD, Shelly Brasher webinar.

Exhibitors had no time to talk to participants

Q: Could it be expanded. to two days?

Q: Could we charge for it

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A: Tipton suggested that this would be a serious impediment for their teachers' attendance.

Suggestion to give keynote speaker less time and to have fewer whole group sessions.

Suggested putting materials online PRIOR to the sessions.

Shelly Brasher - prepare STEM 101.

Arizona immersion guide

Maker-minded - on TSIN.

STEM ambassadors to the rural district.

WEBinars, Robotics initiatives.

STEM bus. Partner with Army ROTC.

Brian Haywood?

Team: Communication

Date: 12/09/2016

Members Present:

- Tom Lawrence
- Launa Morris
- Meredith Boyd Powers
- Florence M. Howard

Notes:

1. Conference Review
 - Find a different place to fit more people
 - Have them buy their own food during the break
 - Charge a fee for food
2. How do we effectively expand the STEM Hub into rural areas within our service areas?
 - Magazines at Lambuth (donate to rural areas)
 - Attend meeting in Jackson for engineering (January 25)
3. Communication/ media
 - Get someone to handle social media (Abigail)
 - Let the steering committee take part in social media
 - Nominate (feature) someone once a month
 - Talk shows for Jackson / U of M

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- Radio station
- Partner with communication/journalism/marketing department to hire a student
- Communication at SCS