

Math and Science Advisory Council Minutes
Friday, September 30, 2016
10:00am to 4:00pm
New Mexico EPSCoR
1312 Basehart Dr SE, Albuquerque, NM

1. Call to Order/roll call

Mr. Karl Agar II
Mr. Keith Bausman
Ms. Felicita Bayangos
Ms. Selena Connealy
Mr. Nathaniel Evans
Mr. Joe Hastings
Ms. Suzanne Johnson
Dr. Zachary Leonard
Ms. Kim Scheerer
Dr. Hy Tran
Dr. Nader Vadiiee
Ms. Gwen Warniment

Present: Keith Bausman, Felicita Bayangos, Selena Connealy, Zachary Leonard, Kim Scheerer, Nader Vadiiee, Gwen Warniment, Hy Tran, Suzanne Johnson

MSB/PED staff: Lesley Galyas

Guest: Deb Novak

The meeting was called to order at 10:12 am.

2. Approval of Agenda (Additions/Deletions) Gwen moved to approve the agenda. Kim seconded and the motion carried.

3. Approval of Minutes

Kim made a motion to accept the minutes. Keith seconded. Revise to reflect "Dr." Leonard. Motion carried.

4. Meeting Goals

- Presentation De-brief
- MSAC report

5. Logistics/Setting the Stage

- Designate a facilitator, timekeeper, and recorder (Kim volunteered to be timekeeper)
- Group team builder (two truths and a lie)
- Quick review of agreed upon group norms

6. PED Updates (Lesley and Marcia)

Lesley provided an update on her participation in a training hosted by the Smithsonian to help leaders develop networks. NM PED is in a transition stage because of changes in leadership and ESSA. She posed the question: how can we continue this momentum through the political

transitions? She offered some ideas including: Collaboration, Capacity Building, Equity in STEM for All Students, Increase in Achievement. She remarked that states that have strong STEM networks have industry funding and sometimes additional funding from the state. Scarcity of funding complicates relationships across the network.

Lesley provided details about the Pathways to Excellence Pilot and Making Sense of Science plans to train instructors on Genes and Traits curriculum and offer teacher institutes in Summer 2017 (Albuquerque, Santa Fe, Albuquerque, Bloomfield) as well as Making Sense of Student Work sessions focused on math.

Math End of Course Exams (EOCs) have been revised and pushed out on a digital platform. There was some discussion about whether math EOCs are needed because math is assessed through PARCC. Lesley provided details about middle school/high school course alignment.

Textbook Adoption is on the MSB/PED radar, but nothing has been decided yet. The Governor's First Grade Reading books (23,000) are math and science books--Newton and Me and Ten for Me--which have already been distributed to students. The governor will be reading this book when she visits classrooms.

The STEMposium will be June 1-2 at the Embassy Suites in Albuquerque.

MSB/PED is also supporting initiatives with Midschool Math, NMSTA/NMCSTA/NMCTM/EEANM Conference, AAUW Tech Trek, NM MESA.

7. 9/16 report debrief:

PED staff attending: Christopher Ruszkowsky (policy bureau); Amanda Aragon (strategic outreach); Debbie Montoya (student achievement/school turnaround; MSB's group leader). MSAC members there: Zach, Selena, Hy, Suzanne, Gwen, Feli, Nathaniel, Keith,

Quick impressions of MSAC/SecEd briefing. Positive discussions; concerns about sustainability & long term impact. PED staff does appear to be willing to engage more w/ MSAC. PED staff did not appear completely understanding of role of MSAC initially. We are an advisory council—we can only advise if the people whom we are advice want our advice. MSAC should work at bridging the relationship w/ PED staff: We want to be helpful—how do we (MSAC) best serve PED?

Action item: MSAC needs to follow up w/ PED staff who attended: Letter to staff & invite for a brief follow-up meeting (lunch, informal). Should we also engage LESC?

Dr. Galyas is testifying to Sci/Tech/Commun. Committee on math/science stds 10/21/17.

8. STEM collective impact report (renamed STEM statewide stakeholders report):

Gwen W. has a long printed out report, contracted to NM First for recommendations to build a STEM coalition for NM (coalition outside the State office). Report leveraged prior work, studied models in other states; made recommendations. Report was e-mailed to MSAC members. Now what do we do? Gwen W also on NM Business Roundtable; NM BR is calling for education summit in NM on 11/14 in ABQ (Embassy Suites). One strand at summit will be on STEM. This could be way of leveraging creating STEM coalition? Build a community asset map (we don't know resources).

STEM day at the legislature: MSAC should lead that charge. Start thinking; Wed. Jan. 18 2017.

9: Preparing for 2015-16 report

We have Marcia's detailed instructions. We have homework; talk during lunch. 12:20pm. Let's come back at 1pm.

Lunch

10: Working groups for report; resumed at 1:10pm.

Discussion about outline for the 2016 report. Kim has a photo of a proposed outline.

11: Report from item 10 & next steps

Group 1: Zach, Keith, and Kim: They're done and ready to circulate.

Group 2: Hy, Suzanne, Feli, and Selena: We're almost done. We have the concepts, but not the wordsmithing.

Nader, Joe H, Nathaniel will be given the tasks of the "Activities of MSAC" updates.

Data analysis not done yet.

Gwen and Selena to work on stakeholders highlights.

Marcia B. needs draft by 10/17; this means that Suzanne, who is massaging text, needs it by 10/10.

Zach & Selena will have action item from item #7.

Everyone needs to recruit for MSAC. Each of us needs to recruit 1 person(?).

12: Sunshine/blues.

13: Adjourn. Moved at 4:15pm, passed unanimously.

Future MSAC Meetings

- December 9 MSAC Meeting (10 am to 4 pm), Espanola
- January 20 MSAC Meeting (10 am to 4 pm), Location TBD
- March 3 MSAC Meeting (10 am to 4 pm), Location TBD

