

Math and Science Advisory Council Agenda
July 31, 2014, 1:00pm-4:00pm General Meeting
Erna Fergusson Library
3700 San Mateo Blvd NE
Albuquerque, NM

1. Call to Order

2. Introduction of Members / guests (roll call)

Dr. John Bellum
Ms. Selena Connealy
Ms. Karen Kinsman
Ms. Malva Knoll
Mr. Zachary Leonard
Dr. Alexei A. Pevtsov

PED: Lesley Galyas, Marcia Barton

Note: There was not a quorum in attendance for this meeting.

3. Approval of Agenda (Additions / Deletions)

Malva suggested that we address agenda number 6 as a committee of the whole.

4. Approval of Minutes

Karen made a motion to approve the minutes; Alexei seconded. Vote was conducted over email on 8/4/14.

5. PED Announcements (Lesley Galyas)

Lesley made a powerpoint presentation (will be made available to MSAC members electronically.)

a. Highlights of FY2014

- MSAC reinstatements
- \$1.5 million for STEM teacher initiative stipends [\$860,000 awarded to districts for recruitment and retention stipends (127 teachers) and teacher PD stipends (111 teachers); \$640,000 for additional PD opportunities (606 teachers)]
- \$1.2 million for Math and Science Partnership federal funding to support Mathematically Connected Communities (MC²)
- Partnership with NM Informal Science Education Network (NM ISE Net)
- Rebuilding relationships with stakeholders
- Increased collaboration within PED and other state agencies
- Hiring of STEM Professional Development Specialist
- Participation in PARCC
- \$298,357 in legislative appropriation for Robotics (21 schools funded)

b. Vision for FY2015

STEM Initiative Appropriation (\$500,000 specifically for Professional Development)
MSB mission: “Build capacity throughout the state to provide quality support for STEM Teachers”
Robotics Funding (\$169,000; over \$400,000 in requests)
2nd Annual STEM Symposium, May 29-30; travel stipends for participants from 60 miles or greater
STEM Teacher Recruitment and Retention stipends (\$700,000)
Science and Engineering Education Focus Group Study (Two 2-day workshops)
Partnership with MC² and PED Literacy Program (Math Lab training for 160 K-3 teachers from K-3+; Math Lab training for 4th-7th grade teachers in NW NM)
Support for teacher participation in
 MidSchoolMath
 NM Tech Master of Science Scholarships
 MESA coach support
 Additional program funding pending

WestEd Making Sense of Science Teacher Workshops (Matter and Energy foci)
 Train 400 teachers
 Train 48 NM Facilitators
 16 (5-day) regional workshops

c. Funding

The fiscal year began July 1, 2014 and will run through June 30, 2015.

d. Q&A

6. MSAC Committee breakouts

Malva suggested that each committee will provide top two or three ideas to include in annual report. Discussion about NGSS adoption process. What policy levers exist to impact science teaching and learning? Promoting science in early elementary could be a focus for MSAC in the future.

a. Teacher Advocacy and PD Policy (Karl, Tomas, John, Richard, Karen, Zach, Phyllis)

Zach shared the Theory of Change Model and Building Capacity in Teachers and Administrators to Improve Student Learning Outcomes in New Mexico: Lessons from the Research. These documents will be included in the minutes for review by all MSAC members.

b. Strategic Planning (Pat, Hy, Alexei, Teri Nikole)

There were no members of this committee in attendance.

c. NGSS Adoption and Implementation (Selena, Malva, Charles, Nader)

There was no report from this committee.

7. Old Business

- a. Discuss 2014 Legislative Report—MSAC reports from MSAC committees incorporated into the body of the report.
- b. Establish writing timeline for MSAC report (Marcia Barton)

Marcia provided a draft of the Math and Science Advisory Report and the Report Project Plan which includes the timelines. Marcia will provide an electronic copy to be included in the minutes. Assignments were made for updating specific sections.

8. New Business

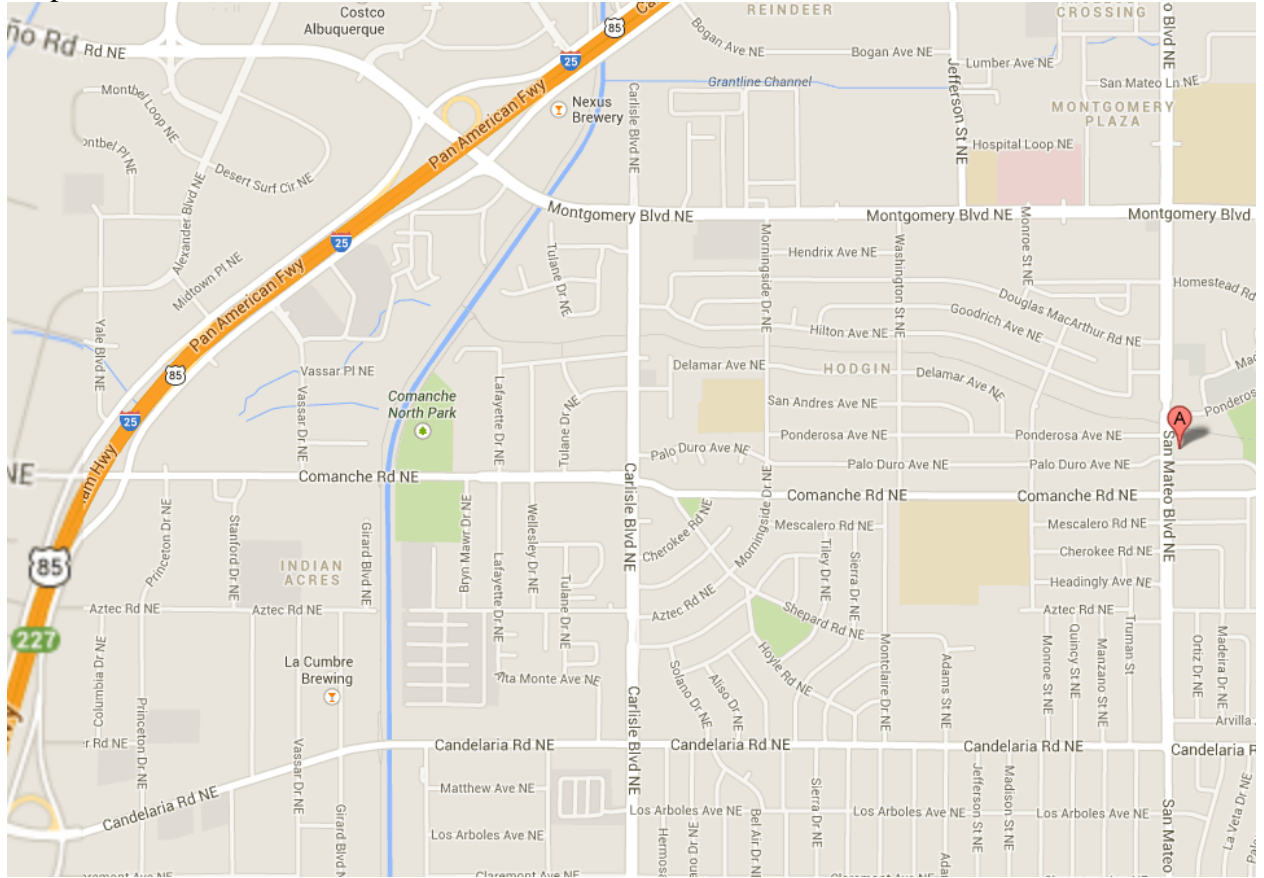
- a. Election of FY 15 MSAC Chair--tabled

9. Schedule of Next Meeting--tabled

10. Call to Adjourn

The meeting adjourned at 4 pm

Maps/directions:



From Santa Fe:

1. Take I-25 South to Albuquerque
2. Take Montgomery Blvd exit. Go East on Montgomery.
3. Turn right (South) on San Mateo. Go to the left lane.
4. Turn left on Palo Duro, just before Comanche.
5. Turn left into the library parking lot. Park.

From Santa Rosa:

1. Take I-40 West to Albuquerque
2. Take San Mateo Blvd exit. Go North on San Mateo.
3. Immediately after Comanche, turn right on Palo Duro.
4. See step 5 in the Santa Fe instructions.

From Socorro, Cloudcroft, and points South:

1. Take I-25 North to Albuquerque
2. Repeats steps 2-5 in the Santa Fe instructions.

From Albuquerque:

1. If you don't know how to get to 3700 San Mateo Blvd NE, go to Santa Fe, then, follow the directions from Santa Fe. Allow 2.5 extra hours to get there.