

Math and Science Advisory Council Minutes  
Thursday, March 19, 2015  
10:00am to 4:00pm  
Explora

1. Call to Order/roll call

The meeting was called to order at 10:15.

Present:

Ms. Phyllis Baca  
Dr. John Bellum  
Ms. Selena Connealy  
Mr. Nathaniel Evans  
Mr. Joe Hastings  
Ms. Suzanne Johnson  
Ms. Karen Kinsman  
Ms. Malva Knoll  
Mr. Zachary Leonard  
Dr. Hy Tran

MSB Staff: Lesley Galyas and Marcia Barton

2. Approval of Agenda (Additions / Deletions)

Selena entertained a motion to move the collective impact team report up on the agenda to immediately following the PED update. Agenda was approved.

3. Approval of Minutes

Minutes were approved.

4. Meeting Goals

- a. Finalize Strategic Framework
- b. Set milestones and work products thru November
- c. MSAC professional learning to support Strategic Framework and goals development
- d. Develop an action plan for each sub-group

5. Logistics/Setting the Stage

- a. Designate a facilitator, time keeper, and recorder
- b. Group team builder
- c. Quick review of agreed upon group norms

6. PED Updates (Lesley and Marcia)

- a. NGSS Update. A two-session teacher focus group was held in January and February. The teachers provided a comparison of NGSS and NM State Standards that was compiled into a 500 page report by Rodger Bybee. It will be presented to the Secretary in mid-April. Lesley, Marcia, Suzanne and Gwen Warniment attended an NGSS meeting hosted by Achieve in San Francisco. They heard learned that early adopting states are recommending an adoption period of at least five years and that partnerships are key.

- b. Making Sense of Science. Marcia reported about the Making Sense of Science facilitation training and plans for the summer institutes. The hope to train 400 teachers in Santa Fe, Albuquerque and Las Cruces.
- c. Legislative Updates. \$2.4 million was appropriated to STEM this year, an increase of \$400,000 over last year. There were many STEM-related bills which kept Lesley busy for much of the session.
- d. Mid School Math Conference. 253 teachers attended.
- e. The STEM Symposium will be held at the Embassy Suites in Albuquerque on May 29-30. An expected 500 teachers will attend. MSAC members were encouraged to present and attend.
- f. Q&A

#### 8. STEM Collective Impact Team Report (Karen Kinsman)

Legislative Update (Selena)

The STEM Collective Impact Team has not met since the last MSAC meeting so Karen made no report.

Selena spoke about several bills that the STEM Collective Impact Team helped to draft or were watching:

SB 329 An Amendment to the Licensure Requirement (reduced math hours from 9 to 6 and science hours from 12 to 8)

SM 130 To study and update math competencies for elementary teachers

HM 83/SM 90 Study Algebra II waiver, publish EARS report, study funding formula

HM 21/SM 30 NM Private Sector Educational Partnerships

#### 7. Strategic Framework Work Session

12:15 Lunch (Sponsored by Explora)

#### 9. Complete Strategic Framework

#### 10. MSAC Professional Learning (Joe Hastings)

Joe took the group on a tour of the Explora exhibits fabrication shop and talked about the Explora's strategic planning efforts and the goal to be the "science center of the state." They are planning to focus on two strategic efforts: pre-K/early childhood education and STEM workforce development. Explora has recently received a Noyce Foundation Community Engagement Award. They are exploring a "hub model" and training facilitators in Taos, Las Cruces and Gallup.

2:20 Break

#### 11. MSAC Action Planning

Malva made a motion to present the MSAC Strategic Framework to the Secretary. Nathaniel seconded the motion and the motion carried.

To consider:

Do we want the Math and Science Bureau to adopt this?

What outcome do we want? Raise our profile? Have something funded? Policy changed?

We need to look at the alignment to the PED Strategic Levers.

What key issues should we highlight?

Selena and Zach will communicate with the Secretary's scheduler, Gloria Ruiz, to get on the calendar in August or early September. Include Ellen Hur and Leighann Lenti. Marcia will investigate the Strategic Levers.

Karen made a motion to adjourn at 4:01; Suzanne seconded and the meeting adjourned at 4:10

12. Sunshines and Blues (descriptive feedback on the flow, process, or content of the meeting)

Future MSAC Meetings

May 12, 2015 in Albuquerque, exact location TBD.