

Math and Science Advisory Council Meeting
August 16, 2022, 9 a.m.-4 p.m .
Minutes by Dave Dooling, secretary

Agenda

1. Call to Order @ 9:04: roll call of remote participants, identify any public members

~~Glenda Leonard~~

Tanya Rivers

Tammy Gaudet (@9:22)

~~Paulo Oemig~~

Leandro Venturina

Mollie Parsons

Dave Dooling

Ling Faith-Heuertz

Marcia Barton

Khanh Pham

Shafiq Chaudhary (PED)

Philip Friedman (PED)

0. Approval of Agenda. Moved by ???. Second by??? Approved @9:13.
0. Approval of Minutes from previous meeting (May 26, 2022). Second by Venturina. Approved @9:16.
0. Public comment. No one present.
0. MSB Education Session @9:20. Shafiq reviewed updates posted last week for group. 16 applications being reviewed for SY22-23 Outdoor Learning Start-Up Grant Program. PED has 5 vacancies. Detailed current positions and plans for an assistant director. 4 positions are posted; 1 (assistant director) is being reclassified. Looking at outdoor learning being holistic. Discussed details of planning.

Chaudhary reviewed multi-year math initiative proposal to legislature that he, Steinhaus, and Costales have been developing. It is a work in progress.

Break for coffee @ 10:15.

Resume @ 10:20.

0. 2022 Report Sub-Groups (for the 2023-24 school year). Parsons reviewed work from earlier in the year. Annual MSAC report to PED is due by mid-October; goes to

Legislature in early December. Need to review recent reports to ensure repetition of key issues. Recommendations were voted in May.

- . Reports from Working Groups (Science/Environmental, CS, Math)
 - 10:29: 10 minutes to review math priorities. Oemig leads discussion.
 - 10:50–10:58: Dooling off line due to computer problems. Discussion of teacher specialist endorsements and other issues continues. Reviewed format of Annual Report and how to highlight recommendations at start and access to data on enrollments, courses taken, SAT/ACT results, etc. Some assessment data remain embargoed. Covered need to engage students in CS in early years before they are intimidated by subject. Parsons outlined data needs and subgroup responsibilities; suggested discussion of what is needed and how to include. Friedman mentioned difficulties and lead time involved in accessing data. Rivers mentioned that MSAC only requests data once a year, so it might be useful to ask for it more than once a year to spot trends more readily and get quicker responses.

Parsons @ 11:29: Should spend rest of time editing recommendations into 1/3-page sections with supporting data and arguments in appendices.

Lunch @11:45; resume @1.

- a. Met in working groups to start writing report. 1:15–2:10 p.m. Discussed revisions after we reduced report sections to 1/3 page to provide an executive summary. Discussed Algebra 1 and 2 as a graduation requirement. Discussion of public/private partnerships for outdoor learning and whether a separate, formal advisory committee (vs. ad hoc) is needed to help school districts develop outdoor learning activities beyond the school yard, and the mechanism for creating it. An informal ad hoc committee was selected. Dooling, Parsons, and Ling are the initial group.
- 0. Finalize data requests for 2022 Report. @2:53. None made, but Choudhary requested clarification of what has been requested (course enrollments, pass rates, etc.) and the plans for access as data develop rather than waiting until the annual report is due. Choudhary will develop a process to avoid clogging mailboxes.

0. Next meeting details. @3. Considered options for in-person meetings in September or October, or possibly waiting until new members are seated in January. Next will be online, and then in-person will be decided.
0. Members share updates. 3:15–3:30, shared fun details about what we do.
0. Sunshine and Blues, reflection on meeting: Barton suggested putting updates at start of meeting. Final request that data for report update be submitted for editing by Dooling by Sept. 16. Oct. 5 meeting on finalizing the MSAC report and turning over to PED. Quick meeting in breakout rooms to set subgroup meetings in interim.

Adjourned: @3:46.

Parsons, Faith-Huerta, Choudhary, Dooling talked about outdoor education ad hoc group. First meeting is Sept. 30.