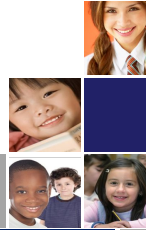


## Purpose of the Committee

# Math Study Committee December 5, 2019



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Senior Director  
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Professional Development



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1. Research effective mathematics instruction.
  - What is currently working with respect to mathematics education in MCS?
  - What is not currently working?
  - Where in the State of California is high school math instruction effective?
2. Make recommendations to the superintendent on future math programming for the 2020-2021 school year.

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## Survey Key Findings

### Key Findings:

- Curriculum lacks support for student and parent support
- Students are lacking necessary skills
- Curriculum is serving the higher achieving students
- Curriculum lacks sufficient ancillary resources
- Intervention for struggling learners is not working. We need to have an option during the school day.

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## Observations from Site Visits

### Key Findings:

- Strong well run, well established PLCs was the key with commitment to the process (teacher-led, use of CFA, alignment to CAASPP, and use of interim assessments)
- No clear connection between specific curriculum and student success
- Options for other math courses (Stats, CTE themed, etc.)
- Intervention during the day is vital
- Integrated vs traditional was a non-issue
- Course sequence options for all learners

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## Committee Initial Key Findings

1. MCS must provide a curriculum that **supports ELs, low and high academic achievers**, and students with **disabilities**. The curriculum must be **accessible to parents and foster parent engagement**. Additionally, it must provide supplemental materials and **support differentiation**.
2. **Interventions** are most effective when provided to students **during the school day**.
3. **PLCs are an integral part of a successful math program**. They are most effective when they are formal, provide meaningful cross-curricular collaboration, and are teacher-driven.

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## Curriculum Review

What did you see when reviewing curriculum for?

- Course Sequence
- Struggling Learners
- Advanced Learners
- EL Learners

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## Survey Review

What did you see when reviewing survey responses for:

- Course Sequence
- Struggling Learners
- Advanced Learners
- EL Learners



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## Committee Consensus

Can we as a committee walk out united in the decision?

## Other Questions to Answer

What other questions are there still to answer?

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## Next Steps

- December 6 | Email out to admin
- December 9
  - Master schedule meeting with admin and counselors
  - Board Presentation (2-3 volunteers?)
- December 11 | Pilot selection and logistics

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