

SUMMARY MINUTES ARE DRAFT UNTIL APPROVED at the next

Committee for Mathematics Achievement meeting



Committee for Mathematics Achievement SUMMARY

Nov 13, 2023

MEMBERS PRESENT: Chrystal Rowland, Alvia Littleton, Ashley Adams, Ed Thome, Jason Taylor, Jeanie Stumbo, Jenny Bay-Williams, Joanna Stevens, Johnathan Rogers, Kelly Delong, Lisa Amick, Natalie Rashad, Tanner Strein, Todd Woolridge, Zac Gibbons, Amy Leasgang

GUESTS: N/A

MEMBERS ABSENT: Amanda Ellis, Chris Barwell, Jamie Link, Jamie-Marie Miller, Kanita Ducloux, Mason Dyer, Sarah Kasten

KENTUCKY DEPARTMENT OF EDUCATION (KDE) REPRESENTATIVES PRESENT: Chrystal Rowland, Thomas Clouse

Upon meeting quorum, the meeting was called to order at 5:08 p.m. ET.

Agenda Item: Approval of September Summary Minutes

Presenter: Chrystal Rowland, Commissioner of Education Designee

Summary of Discussion:

Rowland dropped a link to the summary minutes from the September meetings in the chat and asked for a motion to approve the document.

Natalie Rashad made a motion to approve the minutes. Jenny Bay-Williams seconded the motion. The minutes were approved unanimously by a roll call vote.

Feedback: No feedback was offered by the committee.

Agenda Item: Welcome, introductions and approval of the agenda

Presenter: Chrystal Rowland, Commissioner of Education Designee

Summary of Discussion:

Rowland dropped a link to the agenda in the chat and asked for a motion to approve the

document.

Alvia Littleton made a motion to approve the minutes. Jeanie Stumbo seconded the motion. The minutes were approved unanimously by a roll call vote.

Feedback: No feedback was offered by the committee.

Agenda Item: Election of Committee Chair

Presenter: Chrystal Rowland, Commissioner of Education Designee and Jenny Bay-Williams, University of Louisville

Summary of Discussion:

Rowland called for a volunteer for a committee chair. Bay-Williams discussed the work of being the chair of the Committee for Mathematic Achievement (CMA). This included how to set the agenda. Bay-Williams also talked through some of the responsibilities that she has had in her role and what she sees as tasks for the future chair. Rowland added to the discussion by discussing how the chair may influence the work of the committee.

Tanner Strein and Ashley Adams volunteered to serve as the committee chair. Both committee members talked a little about their background in education. A dams is an educator working in Pikeville. Stein teaches math, specifically Algebra I, in adult education settings.

The committee voted between the two candidates Adams received the most votes. A motion was made by Strein to approve Adams as the chair of the committee. Lisa Amick seconded the motion. A roll call vote was taken. Motion passed unanimously.

Feedback: No feedback was offered by the committee.

Agenda Item: Committee Charge and Next Steps

Presenter: Chrystal Rowland, Commissioner of Education Designee

Summary of Discussion:

In response to committee feedback, Rowland shared the Committee for Mathematics Achievement webpage. The website includes information about what should be in the strategic plan as well as prior activities of the committee. Rowland indicated the location of the meeting dates, minutes, current strategic plan and a mathematical fluency statement issued by the committee on the webpage.

Rowland noted that the current strategic plan has been in place since prior to the pandemic and recognized that Kentucky has changed in many ways since then. The committee feedback from the last meeting indicated changes in Kentucky learners, teaching workforce and communities.

The committee will reconvene virtually in February to continue to refine thinking around the plan. Based upon the feedback from the committee, there will be an in-person convening in the

spring where the CMA can break into work groups to build the plan. A survey will be sent to committee members to select dates that will work best.

Feedback: No feedback was offered by the committee.

Follow-up Required: This item will be discussed further at subsequent meetings.

Agenda Item: Analysis and Discussion Improving Mathematics Achievement

Presenter: Chrystal Rowland, Commissioner of Education Designee

Summary of Discussion:

Rowland dropped a link to the current strategic plan in the chat. The current plan is structured around four needs:

- Assessment for Mathematics Achievement;
- Effective mathematics instruction which includes educator development, recruitment and retention (this came up quite a bit in the committee feedback);
- An expanded system of mathematics intervention; and
- Communication and collaboration.

In the last meeting, the committee read through these and were asked to provide their thoughts about these identified needs. Rowland let the committee know that they will be reading through the feedback from the September meeting in a few minutes.

Before the committee dove into the feedback, Rowland shared the Louisiana mathematics plan with them. This plan is structured around the following pillars:

- High-quality math instruction,
- Timely, proactive interventions,
- Ongoing professional learning, and
- Families, caregivers and communities.

Rowland reiterated that the revised Kentucky strategic plan should address P-20, so the Louisiana pillars may not be the ones that the committee feels are most important for the focus. Rowland stated that this was shared to spark interest and for the committee to consider other models that may help shape the Kentucky Strategic Plan.

Feedback: No feedback was offered by the committee.

Agenda Item: Synthesis of Themes into Pillars of Mathematics Improvement

Presenter: Chrystal Rowland, Commissioner of Education Designee

Summary of Discussion:

Rowland shared the feedback that was collected from the committee during and following the last meeting in September. That includes what was submitted via the survey. The committee was given five minutes to read through the feedback and think about what they saw as emerging

themes that should be addressed in the Kentucky plan and big ideas that might serve as pillars. After five minutes, Rowland called on the group to share any themes or pillars they may have highlighted.

Feedback:

Adams noted that one of the things that she would like to see is more support for teachers and preservice teachers in the state.

Jeanie Stumbo spoke about the need for high-quality math coaching to ensure that standards are being met. Bay-Williams seconded the notion of having a theme on mathematics coaching and noted that student sense of belonging and emotional engagement was a theme she noted and believes that will be critical to Kentucky's plan.

Alvia Littleton agreed on the need for coaching at the elementary levels noting specifically the situation in which elementary educators must be masters of all content areas. She believes coaches could be a bridge between all levels in education as a support to educators.

Natalie Rashad noted that she likes the pillar structure where goals are centered around the priorities, but she noticed that there was nothing about diversity or equity. She goes on to state that there is nothing in the current Kentucky plan and nothing in the example that they looked at during this meeting. She specifically noted the recruitment and retention of teachers and students. She would like something explicitly stating that diversity, equity and inclusion are part of the core values in the plan.

Ed Thome discussed the severity of the math teacher shortage. He feels this would be good to discuss and states he has an idea that could address diversity as well.

Kelly Delong agreed with other committee members that one of the themes that stood out was around mathematics coaching. She wanted to extend the previous comments to note that she believes that coaching at all levels will be important for continuity and students' achievement. She also appreciated the committee and comments that focused on student success in post-secondary education settings. Delong also noted that work from Kentucky on mathematics coaching led by the Division of Program Standards around the Mathematics Achievement Fund is gaining attention and is great work.

Strein agreed that coaching is important but discussed it through the lens of an interpersonal approach. He mentioned the idea that students may have antiquated thinking and beliefs about math. He added that teachers understanding from where students are coming could help alleviate what he denotes as math-phobia.

Rowland asked the committee if they would be interested in continuing to see plans from other states. She opened it up for discussion, but also mentioned there will be a space in the survey at the end of the meeting to capture thoughts. One committee member asked why they saw an example from Louisiana. Chrystal noted that it was largely based on the simplicity of the structure and how the document was organized. Bay-Williams added that Louisiana has seen gains within NAEP scores and has focused initiatives on mathematics achievement. Bay-Williams went on to say that she liked the way Louisiana linked to other state initiatives and

work done by the state and other education partners within their plan.

Follow-up Required: The committee shared that they would like to continue to see examples of other state strategic plans at subsequent meetings.

Agenda Item: Next Steps

Presenter: Chrystal Rowland, Commissioner of Education Designee

Summary of Discussion:

Rowland put a survey in the chat to get feedback on the next steps for the CMA as well as information on the next meeting time and possible agenda items.

Feedback:

Thome discussed one idea around the teaching shortage around using teachers to develop curricular supports for schools.

Agenda Item: Adjournment

Presenter: Chrystal Rowland, Commissioner of Education Designee

Summary of Discussion:

Rowland asked for a motion to adjourn. A motion was made by Natalie Rashad to adjourn the meeting. Johnathan Rogers seconded the motion. Motion carried.
Meeting Adjourned at: 6:04 p.m. ET.

Feedback: No feedback was provided by the committee.