

AM-ME Research Group Meeting Agenda

End of year 1 Research Group Meeting

Tuesday, December 12, 2023, 3:30 to 5:30pm (CST)

Location: *[a meeting room in the school district's office]*

Remote option: *[zoom link]*

Meeting Objectives:

- Provide update on dissemination of Spring 2023 findings
- Reflect on work conducted in 2023
- Plan for Spring 2024 data collection

Meeting Documents

- Slides
- Norms & Expectations
- Reflection Letter Activity
- Exit ticket

Time	Item & Notes
10 minutes	<p>Welcome <i>Facilitated by:</i> Samantha Holquist <i>Timekeeper:</i> Alyssa Scott</p> <ul style="list-style-type: none"> • Review survey development plan. <ul style="list-style-type: none"> ○ Update on status of the survey. • Review of norms and expectations.
20 minutes	<p>Team Building Activity <i>Facilitated by:</i> Alyssa Scott <i>Timekeeper:</i> Samantha Holquist</p> <p>Today, we are going to be creative! We brought cookies for each of you to decorate. While decorating, at your tables, feel free to use the following conversation starters to learn about one another:</p> <ul style="list-style-type: none"> • What are you most excited to do over winter break?

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Learn more about the Adapted Measure of Math Engagement at <https://www.childtrends.org/project/adapted-measure-of-math-engagement>.

	<ul style="list-style-type: none"> • When you want to relax, what do you like to do? • If you could spend the day anywhere, where would it be? • Is there a holiday that’s special to your family or community? Why is it special? • If you could spend more time with one person in your life, who would it be? Why?
<p>20 minutes</p>	<p>Highlights and Reflections from Year 1 <i>Facilitated by: Diane Hsieh</i> <i>Timekeeper: Samantha Holquist</i></p> <p>In November, Diane had an individual meeting with each of you where she asked you to reflect on your experiences and what you have learned so far. Each one of you shared something new you learned or hadn’t experienced before. Collectively, three common highlights were shared amongst you all:</p> <ol style="list-style-type: none"> 1. Math engagement is complicated! 2. Curiosity about the focus on Black and Latino students. 3. Research is a long process! <p>Today, we want you to think about what you have learned so far and how you would share it with someone you care about. We are going to engage in two activities:</p> <ul style="list-style-type: none"> • 5-minute individual activity: Individually, we are going to ask each of you to write a letter to someone you care about. In that letter please share: <ul style="list-style-type: none"> ○ What this project is ○ Explain what you have learned ○ How this project has been helpful to you ○ Why this project is important to you • 10-minute small group activity: In small groups of two, we want you to share your letter with one another and write down similarities and differences on poster board paper. We will be using these in a future activity. <ul style="list-style-type: none"> ○ Reflection questions for small group activity: <ul style="list-style-type: none"> ▪ How did you describe this project in your letter? What activities did you write about? ▪ What have you learned through this project? ▪ How has this project been helpful to you? ○ Small group assignments: [names redacted] • FYI: This “write a letter” activity is inspired by an experiment called the Utility-Value Intervention that shows students learn more and are more motivated to learn math when they write a letter to others/themselves explaining why math is useful.
<p>10 minutes</p>	<p>Break</p> <ul style="list-style-type: none"> • Stretch, go to the bathroom, grab more snacks.
<p>20 minutes</p>	<p>Update on Year 1 Dissemination <i>Facilitated by: Sammy Holquist</i></p>

<p><i>Timekeeper: Alyssa Scott</i></p> <p>We met with the AM-ME dissemination small group two times since our last meeting in September.</p> <ul style="list-style-type: none">• They made the following decisions for the Year 1 dissemination products:<ul style="list-style-type: none">○ Audiences<ul style="list-style-type: none">▪ Teacher and support staff▪ School administrators▪ Students▪ Broader community○ Products<ul style="list-style-type: none">▪ Professional development slide deck for teachers and support staff▪ Infographics of varying length for school administrators, students, and the broader community <p>We then did a deep dive into the data to identify key findings about Black and Latino student math engagement that we want to share with the audiences based on the data.</p> <ul style="list-style-type: none">• Our goal is to combine the qualitative and quantitative data into major themes for our dissemination products. Here's the Spring 2023 data we pulled from:<ul style="list-style-type: none">○ Math teacher interviews (n=8)○ Student focus groups (n=9)○ Student survey (n=2,000)• Based on the data, we identified four main themes to focus on: (1) student-teacher relationships, (2) working with friends or peers, (3) understanding math, and (3) familial support. <p>Now that we have the audiences, products, and data organized, we are starting to create the products. We want to make sure they fully represent what you hope is communicated to our decided audiences, particularly uplifting the lived experiences of Black and Latino students. <i>Based on our findings, what is helpful for other people to know about this work?</i></p> <p>Using notes from the letter writing activity and the data just shared, we will discuss and write on poster board paper the answers to the following questions in small groups for 10 minutes:</p> <ul style="list-style-type: none">• How would you describe this project to your fellow math teachers and students?• What are two of the most important things you have learned about Black and Latino student math engagement through this project?• What are two actions Bloomington Public Schools should take to better support Black and Latino student math engagement? <p style="text-align: center;"><i>**Your small groups are the same as the letter writing activity**</i></p>
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	<p>We will use your notes to shape how we communicate about this project in the products and the recommendations for change. Products will be previewed to receive feedback during January drop-in meetings.</p>
<p>20 minutes</p>	<p>Planning for Spring 2024 Data Collection <i>Facilitated by:</i> Samantha Holquist <i>Timekeeper:</i> Alyssa Scott</p> <p>Similar to Spring 2023, we have a minimum of two major data collection events that will be occurring in Spring 2024:</p> <ol style="list-style-type: none"> 1. Administering the initial AM-ME survey to students, and 2. Concluding focus groups with students. <p>The goal of these data collection events is to:</p> <ul style="list-style-type: none"> • Test the survey we created (conducting analysis to understand how items work together and capture engagement), and • Further understand Black and Latino students’ math engagement to refine the survey and identify effective practices for teaching and learning. <p>We say a minimum because we can add additional qualitative data collection (such as interviews with teachers or students) if you choose.</p> <p>The current timeline for data collection is as follows:</p> <ul style="list-style-type: none"> • February: Administer the initial AM-ME survey to students • March: Share findings with the AM-ME research group and plan for qualitative data collection • April: Collect qualitative data • May: Share findings with AM-ME research group and make changes to the survey • June: Prepare for Year 2 dissemination <p>Based on learnings from Year 1, everything will be a lot smoother in Year 2 (or at least we hope 😊).</p> <p>Today, in middle and high school small groups, we are going to plan for the February dissemination of the survey. We will plan for qualitative data collection after we have the survey data, as this data will inform our choices. The central question for today is: <i>How will we recruit students to take the survey?</i></p> <p>Using learnings from what you did last year, we will strategize how we will recruit students to take the survey this year in two small groups for 10 minutes. Notes will be taken on poster board paper.</p> <ul style="list-style-type: none"> • Strategizing questions for small group activity: <ul style="list-style-type: none"> ○ What encourages you to take a survey? ○ What worked well last year to recruit students in your schools?

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	<ul style="list-style-type: none">○ What could we do this year to recruit more students?
10 minutes	Closing <i>Facilitated by: Samantha Holquist</i> <ul style="list-style-type: none">● Date & time for next all-team AM-ME Research Group meetings● Complete the exit ticket