

**Notes for September 26, 2016, 8:30 - 3:00
Elementary Math Adoption Pilot Committee**



Objectives:

- Review Math Toolkit and Evaluation Form
- Preview with publishers two math curricula for pilot
- Discuss expectations for pilot and pilot rounds

Time	Notes
8:00 - 8:30	<p>Breakfast (Time to gather) Seats assignments have been made</p>
8:30 - 8:40	<p>Superintendent's Welcome - Max McGee Max commends teachers on their flexibility and that the strength of our committee comes from the member of our group.</p>
8:40 - 9:00	<p>Introductions - Barbara Harris Barbara welcomed the group and everyone went around and introduced themselves.</p> <p>Norms If you have any concerns, bring them to the committee. Let's stay open, honest, and transparent.</p> <p>We are moving forward with two texts to pilot and will wait to see if we will pilot Investigations.</p>
9:00 - 10:20	<p>Orientation to Math Toolkit and Evaluation Form Joe and Mangla introduced the math toolkit and evaluation toolkit forms. The CCSS will be the core of the work and you will be using these forms to evaluate the textbooks as you pilot.</p> <p>These paper forms are for your reference only. There will be an electronic version sent out to you later for you to submit.</p> <p><u>Important to focus on these items on the Evaluation Form:</u> Page 2: first and last rows Page 3: row 3 The addendum document will come later. Page 5: Rows 8 and 10.</p> <p><u>Toolkit Addendum</u> Made the toolkit efficient for teachers to use, organized by grade levels. Content standards, domains, and topics are different for grade level</p>

	<p>groups. Copies of the Toolkit Addendum will be distributed specific for each grade level. The purpose of the Toolkit Addendum is to evaluate the alignment of math curriculum to Common Core State Standards. This is meant to be a guide. The toolkit asks to look for parts that are present in the curriculum, and please identify parts that are not present, if applicable.</p> <p>Questions: Why are not all the practice standards on the Evaluation Form? We will add all of the Math Practice Standards. If these curriculum are already aligned to the CCSS why are we evaluating it to look at CCSS</p> <p>Are we missing topic 1 for the k-1? Explained</p> <p>The 3rd grade topic are more than this--so if we see gaps in other topics? Yes</p> <p>Going back to the draft--it says that we will review specific standards--why are we limiting ourselves to multiplication when counting and cardinality is “really” our focus? (Adding and subtracting...)? This in our second part of the pilot--it’s one of the topics that we’re choosing... For third grade we’ll focus on multiplication--so it will be both topics, depending on when we pilot the materials. In the fall, it’s what is leading to multiplication.</p> <p>I would stick to the language that’s in the Standards. Some discussion--can we annotate with the actual language in the standards? Yes.</p> <p>Addition: A place for the topic listed at the top of the form.</p> <p>Thank you for the feedback on the 2 forms: We will make edits and revisions before our next meeting</p>
<p>10:20 - 10:45</p>	<p>Grade Levels Preview Eureka and Bridges Materials Use the notecards to write questions for the publishers. We will begin with Eureka/EngageNY and then move on to the Bridges materials. Teachers Take time to look at Eureka and Bridges materials.</p> <p>Joe passed out new papers to go into the binders: Minutes - agenda Committee membership Dates - replace timeline</p>

10:45 - 10:55	Break
11:00 - 12:00	<p>Publisher's Presentation - Eureka/EngageNY - Anya Derr NY State called for new CCSS aligned curriculum</p> <ul style="list-style-type: none"> ● They are now called "Eureka Math" a non-profit organization. ● Located all over the country ● The curriculum is written by teachers for teachers after the CCSS came out, not revised after. ● Designed not just the "how", but the "why". Focus on conceptual understanding start with hands-on, to pictorial. ● Teacher Edition provides a module overview. ● They have a new website. She will send an email about how to login to the website and create an account with a login and password. To see: Teacher materials, digital suite, and home connection. ● Anya took us on a tour of the website and how to access the curriculum online and navigate the website. Included in the overview are suggestions for how to support struggling students and how to consolidate lessons when it is necessary to speed up instruction. Also included are links to Facebook, Pinterest, and a Blog ● Overview of Parent Support: 2 min video, module tip sheet, homework helpers, ● Eureka Digital Suite (extra purchase; free 30 day trial): made up of 2 pieces the navigator and Teach Eureka Videos for Professional Learning. (no videos for students yet, previously used Zearn website) ● Parent Handbook includes examples of strategies with picture and diagrams and additional resources <p><u>Questions from the group notecards:</u></p> <ul style="list-style-type: none"> ➤ Online fluency practice for students? No ➤ Workshop model suggestions? No ➤ Are the more visuals for ELLs available (equity and access)? Key terms and definition are listed at the beginning of each lesson, but not any explicit instructional strategies provided ➤ Is there an online resource to see the student workbooks? No, there is just the student workbooks printed versions. ➤ Are there games? There is a link with listed game that are suggested. ➤ How do we get access to manipulative? They are a separate components from Didax ➤ Will there be Smartboard Lessons Application? No, not yet. ➤ Is there a way for papers to go back and forth from home and school without taking the entire workbook? Not yet <p>A writer will be back here at our Monday meeting to be able to go into more in-depth curriculum questions. Professional Development offered? Yes, there are different options.</p>

12:00 - 1:00	Lunch Provided
1:00 - 2:00	<p>Publisher’s Presentation - Bridges - Cynthia Hockman-Chupp Via Skype</p> <p>Cynthia is a teacher, not a salesperson, she is talking to us to give us background information. The Math Learning Center is non profit organization created by teachers interested in visual models and problem solving, inquiry based focused on student thinking, with an emphasis on math practices. Suggestion: look at videos on the website.</p> <ul style="list-style-type: none"> ● Bridges in a classroom: flexible grouping, problems and investigations, workplaces, oral and written explanations, number corner is an extra 20 minutes per day, 60 minute math lessons, student books and home connections. ● Differentiation - the “workplace guide” provides suggestions for support and challenge, also explicitly written into the lessons as well. ● Number Corner is a skills program - 20 minute daily workouts for fluency with problem solving. Includes a calendar display, data collections, and problem solving. ● Assessments come in multiple forms, with scoring guides, progress reports may be used alongside report cards. ● CCSS Math Practices - role of the teachers: to value the process and make it a safe place to take risks. ● Observation Charts for teachers to use to help track how students are using the Math Practices ● Organized by Content Standards and Math Practice Standards ● Various models used throughout the Grade levels: ten-frames, number lines, rekenreks, open number lines, tile arrays, base ten blocks, ● Online - Free Apps from Math Learning Center as an iPad app or an online site that match the models that are used in the classroom ● Components of the program: manipulatives, game cards, word resource cards, children’s literature, Bridges Educator Site: ● Online Teacher Portal: 3 ways to view - Curriculum Materials (digital display materials), Resources (games, books, and parent letters), and Implementation (blogs, assessment tools, learning and teaching articles, getting started videos, math coaches information) ● On the public site: family support, workshops for professional development, PDF: What you need to know about Bridges summary <p>Questions: Is there a more detailed parent information available? Only what she</p>

	<p>showed us online. Does the Spanish Version come as a bundle? No every component comes in the Spanish Version. Are there smartboard versions of the lessons? They do have them, but it is being replaced with new digital resources.</p>
<p>2:00 - 2:30</p>	<p>Debrief Publishers' Presentations</p> <p><u>Eureka Noticings/Wonderings:</u> The website has changed Trying to create it so it is more primary friendly Enormous amount of reading for teachers, students, and parents Small print, difficult to read Not many opportunities for partner work or accountable talk or stations Didex - not as easily accessible, manipulatives separate No interventions Lacking games, less visuals Limited open-ended questions Some "explain your thinking" Sprints - not consistent with researched best practices Not inquiry based As a new company, they are trying to Leads to good thinking, yet it is an incomplete program (dry), a unique resource that can be used. How are the manipulatives are embedded in the program. Leads to higher level thinking - leads to mastery. Text heavy, less variety of strategies In the student workbook, problems are wordy and crowded on the paper - developmentally not appropriate No online games Teacher-driven and not student engaged/inquiry-based Most lessons are whole group-based Need for vocabulary development resources Home connections not clear Wordy text - achievement gap issues may arise Both teacher and student version are in spanish Are the online versions in Spanish too? All the Manipulatives are things we already have The scripted part of the lesson does not need to be used as a script, teachers need professional development Student sheets and homework are in the same workbook Overly scaffolded for students It takes a lot of work to make the lessons joyful, fun and engaging for Kinders, not a lot of support Pre-K curriculum is available to download Assessments and whole curriculum available online for parents</p>

Looks incomplete and in process rather than a well thought out program that's been tested
The book is hard to use. It would be easier in a spiral bound
It seems like the test is trying to have kids model, but it ramps up fast and needs time for staff
A lot of problems and not a lot of room to solve them - layout
Adaptable - you are able to revise and edit the word documents
Does not encourage the use of a variety of strategies for problem solving

Bridges Noticings/Wonderings:

Intervention materials easily accessible
Visuals supports and models used are amazing across the grades
Lots of games and free apps
Substantial level of interactive engagement
Wondering if there is any multi-age support
Wondering about the time frame, trying to find 80 minutes in the school day - is it a necessity to do both every day?
Addressing content and math practiced, addresses student engagement as well as teacher engagement eg. questioning strategies
Teacher's Guide not available in Spanish
Continuity and support with intervention
A lot of student choice
Seems like there is a lot of differentiation
Like the apps available
Variety of assessments: observational, post-assessments,
Not as cluttered, easy to read
Not a lot of review of concepts from previous units
Are there any review opportunities?
Liked the literature books provided 1 book per month
Question about the smartboard lessons? Yes or No?
What level of access will teachers have of online content while piloting?
Teachers can navigate through resources easily.
Clear setup of instructional materials
Wondering: is it possible to add an additional 20 minutes of math
Very strong vocabulary development
Apps are accessible without a login
Wondering: Must we pilot both programs?
Pre-assessments included
Seems developmentally appropriate for K-2
With the problems solving - the progression from individual, to small group, to whole group
Lends well to the Workshop Model
Very user friendly -
Focus on teaching efficient strategies
The kinder curriculum does not begin with worksheets, allows for

	<p>hands-on practice before the problem sets. Check-point assessment to help create small groups and target kids for instruction The workplaces are built into the lesson with suggestions for activities Interactive calendar - so if you don't have room for the Even though, there is no Pre-K it can be adapted for PreK Spreadsheet to enter data Mastery Points - A lot of Binders! Will teachers be given time to put the binders together? Strong emphasis on math practices Appreciate the number of days of lessons: 160 Progress Reports for parents</p>
<p>2:30 - 3:00</p>	<p>4 Questions: Please give feedback with specifics</p> <p>Thank you for your time and energy today.</p>