



ak Park Elementary School District 97

970 Madison ▪ Oak Park ▪ Illinois ▪ 60302 ▪ ph: 708.524.3000 ▪ fax: 708.524.3019 ▪ www.op97.org

**TO: Members, Board of Education
Dr. Albert Roberts, Superintendent**

FROM: Lisa Schwartz

RE: Elementary Math Resource Purchase 2014-15

DATE: June 10, 2014

Attached you will find a report with details for the recommendation for purchase of math materials for K-5 for the 2014-15 school year.

Attachment: Report

Elementary Math Resource Purchase Recommendation for 2014-15

This report highlights the process involved in selecting an elementary math textbook to serve as the primary instructional resource for the 2014-15 school year. The recommended materials are aligned to the Common Core State Standards. Included in this report are the members of the selection committee, the process followed for the selection of materials, specific recommendations for materials, and the purchase costs.

Timeline of the Curriculum Study

The process for reviewing materials began during the 2012-13 school year. A math committee was established and met several times. Sample materials were reviewed, but based on the limited materials available for review, the committee made the decision to continue the review process during the 2013-14 school year.

For the 2013-14 school year, teachers utilized a variety of Common Core Resources from Engage New York, Georgia, and Arizona. (These were states that received Race to the Top funding.) Grade level curriculum guides were developed by teachers with guidance from a math consultant. These guides were web-based that included links to materials and incorporated the relevant content from the current math textbook Everyday Math (2004). Teachers found it somewhat challenging to organize instruction using such a wide-variety of resources. We also found many inconsistencies across grades and schools with types of materials, language and algorithms being used.

Math Curriculum Review Team Members for 2013-14

Angela Dolezal – Principal, Longfellow
Deanna Otten – ESL, Irving, Longfellow, Beye, Julian
Ellyn Gullo – Kindergarten, Irving
Jean L’Heureux – 5th Grade, Hatch
Jeffry Weber – 5th Grade, Longfellow
Matthew Kuntz – GTD, Lincoln,
Karolyn Serio – Kindergarten, Mann
Paul Manus - 4th Grade, Beye
Sarah Rose – Special Ed, Whittier and Holmes
Sondra Nelson – 2nd Grade, Whittier
Stella Turi – 3rd Grade, Holmes
Lisa Schwartz (Director of Teaching and Learning)

Process

The math team continued the process that began during the 2012-13 school year by reviewing additional materials and research related to Common Core Mathematics instruction. About mid-way through the year the committee reviewed two curriculum analysis tools developed by the Council of Chief State Officers and EQuIP (Educators Evaluating the Quality of Instructional Products). It was about this point in time when the committee came to the consensus that it would be best to delay a full textbook adoption until the 2014-15 school year. This decision was based on the following factors:

- Limited selection of math textbooks that were completely redesigned after the release of the CCSS
- Time required to do a full textbook evaluation using the above mentioned tools
- Confidence of teachers in feeling fully able to assess textbooks based on limited experience using the newly developed Common Core Standards

The committee determined that there was still a need to identify a common resource across grades. Our focus shifted to review consumable programs that would address our needs and be fiscally responsible for a one-year transition.

The Curriculum Review Team reviewed the following materials:

- McGraw Hill – My Math (2013)
- Houghton Mifflin – Go Math (2012)
- Eureka Math (online version of Engage New York) (2014)

The team had presentations from the representatives from My Math and Go Math. Each school was provided with Go Math and My Math materials and the login for Eureka Math. We had 33 teachers participate in a pilot where the materials referenced above were used for primary instruction. Teachers were asked to rate the materials on the following:

- Materials allowed for a variety of activities that address different learning styles and needs (differentiation)
- Assessment tools (both formative and summative)
- Activities that promote student inquiry, reflection, critical thinking, problem solving and sense-making.
- Appropriate balance of skill development, conceptual understanding and mathematics processes
- Use of technology and manipulatives
- Materials provide a rich source of problems, exercises and projects that can be used for homework
- Ease of use of the program

Recommended Text

My Math is being recommended based on the following:

- Teacher manual provides clear and concise instructions without being too scripted
- Differentiated resources for support and enrichment
- Supplemental resources for instruction (videos, student tutorials)
- Student materials utilized a variety of tools to support instruction and provide practice
- Pre-tests and post-tests
- Parent communication tools
- Electronic textbook that is fully functional on the iPad
- Cost-effective resource for one year

Next Steps

Once the purchase of My Math has been approved, teachers will have immediate online access to teacher and student resources. Online professional development webinars will also be available and time during one of the August institute days will be utilized for additional professional development.

There will also be some time spent this summer reviewing My Math to determine which materials from this year will be used to supplement the new curriculum. Teachers will be provided with this information in the summer for planning purposes.

The committee is recommending that a full curriculum review continue during the 2014-15 school year, with potential for a full adoption for the 2015-16 school year.

Costs for My Math

My Math (2013) by McGraw Hill

Grade	Student editions	# students	Total
K-2	\$18.72 (Workbooks + electronic)	1900	\$35,568
3-5	\$15.90 (Electronic only)	2000	\$31,800
K-5	Manipulatives (as needed)		\$20,000
Total			\$87,368

* Note Teacher editions (Book/guides and electronic version for K-5) are being provided at no charge – value of \$48,800.

Materials will be ordered with 2014-15 funds.