

OVERVIEW OF THE PSB PREK-8 MATH PROGRAM REVIEW

A presentation to
the Public
Schools of
Brookline School
Committee
Thursday,
February 1, 2018

FOUR PHASES OF PROGRAM REVIEW

Study and Vision

Jan 2018–Nov 2018

- Identify strengths and weaknesses in current program
- Examine current curricula, professional development and instructional practices
- Review standardized measures of growth (local and state assessments)
- Outline priorities

Plan

Nov 2018–April 2019

- Develop actions timelines and deliverables
- Determine measures of success
- Establish necessary budget

Implement

April 2019–June 2020+

- Implement Plan according to timeline established in Planning phase
- Monitor implementation

Review

Fall 2020

- Process analysis
- Plan Implementation
- Analyzing Results
- Synthesizing Feedback of stakeholders

PREK-8 MATHEMATICS PROGRAM REVIEW

Goals:

- Conduct the district's first PreK-8 mathematics program review since 2005.
- Develop a vision that includes the following elements:
 - Teaching and Learning
 - Access and Equity
 - Curriculum
 - Tools and Technology
 - Assessment
 - Professionalism
- Review strength and weaknesses of current program elements
- Research state of the art practices in the prek-8 mathematics education
- Develop priorities and implement a plan to establish a culture of numeracy in our schools based on our new vision

THE ROLE OF THE COMMITTEE

- Effectively and responsibly represent all stakeholders
- Lead the visioning for PreK-8 Mathematics education
- Make recommendations to PSB Senior Leadership and Superintendent based on research, effective practices and findings and input from stakeholders

MEETING DATES AND TENTATIVE TOPICS

- **January 10:** Program Review Kickoff meeting
- **February 28:** Review of research and effective math practices. Establish research sub-committees. Review existing math vision.
- **March 28:** Develop and refine new vision and review plan for district data gathering
- **April 25:** Review new math vision, subcommittee research share-outs, and initial data review
- **May 30:** Further data review and development of inquiry areas
- **June 6:** Compile recommendations for Phase 1 presentation and develop structural elements of draft Phase 2 plan

Meetings held on Wednesdays 4pm-6pm Town Hall

COMMITTEE MEMBERSHIP

Parents

Cherita Cloy, 6th grader, Upper Devotion School

Alissa Greenwood, Runkle BEEP

Aaron Hoffman, 2nd grader, Pierce

Faiza Khan, 6th grade twins, Driscoll, freshman and junior at BHS

Wadner Oge, 2nd grader, Lower Devotion

Teachers

Valia Bourmpoula, 6th and 7th grade math teacher, Heath

Emily Redburn, 1st grade teacher, Heath

Karen Shashoua, 2nd grade teacher, Heath

Natalie Dean, Special Education, Coordinator of Leslie University Intern Program

Alison Hansel, Math Specialist, Pierce

Hilory Paster, K-5 Math Specialist, Lincoln

Katy Reilly-McGraw, K-8 Math Specialist, Lawrence

Principals

Vicki Milstein, Brookline Early Education Programs

Mary Brown, Baker School

Lesley Ryan Miller, Pierce School

District Administrators

Nicole Gittens, Deputy Superintendent of Teaching and Learning

Nadine Ekstrom, Senior Director of Teaching and Learning

Kathleen Hubbard, PreK-8 Mathematics Coordinator (Content Facilitator)

Meg Maccini, Senior Director of Programs (Process facilitator)

COMMUNITY PARTICIPATION & COMMUNICATION

There are four key ways that community members will have input into the PreK-8 Math Review Process:

1. Participate in parent/stakeholder survey
2. Participate in parent/stakeholder listening group
3. Attend open forum to hear update on committee work
Tentatively scheduled May 30
4. Process updates shared via PSB Website

DELIVERABLES

By July 2018, we will...

- Have a clear vision statement for preK-8 Mathematics education for the Public Schools of Brookline students
- Present preliminary findings to school committee along with outline for Phase 1 report

By the end of December 2018, we will...

- Publish Phase 1 report
- Begin the Phase 2 action plan
- Share recommendations and budget implications (i.e. professional development, purchase of curricula, staffing)

Questions

