## **BBES District Strategic Plan**

Action Plan #4: Years 2017-2022 Action Plan for Curriculum and Instruction

Primary Goal:Review the effectiveness of the current Mathematics ProgramSecondary Goals/Objectives:Review and develop, as needed, a K-8 Mathematics CurriculumImplement the use of the Workshop Method for MathematicsReview the technology integration plan for instructionDevelop a Professional Development Plan

	Strategies/Action Steps	<b>Responsibilities</b>	Resources (including budget	<u>Timeline</u>
			<u>impact, if any</u> )	
1)	Develop committees to identify	1) Development of		Phase $1 - $ Action Steps $1 - 9$
	Mathematics curriculum and desired	committees	School Staff	June 2017 - December 2017
	outcomes.	2) Mathematics	Parent Involvement	• June 2017, develop
2)	Work with committees to write new	curriculum writing	Sight Visits to Model Schools	Mathematics committees
	curriculum to address changes in	3) Identification of best	Pilot Programs	(Curriculum Writing)
	NJSLS.	practices –	Technology Applications and	• July, August, September
3)	Make recommendations for changes to	Mathematics	Technology Implications	2017, develop new
	curriculum.	workshop	Classroom Materials	curriculum sequence and
4)	Work with grade levels/subject areas to:	4) Professional	Professional Development – time	make recommendations for
	a. Work with K-8 grade Math	Development	and financial resources	changes
	Teachers to implement	5) Prepare for the		August 2017, Curriculum
	mathematics curriculum linked	PARCC testing 6) Pilot Mathematics		Presentation to the Board of
	to NJSLS	•) =		Education
	b. Provide job-embedded,	Programs 7) Work to		• September, October,
	frequent professional	communicate to the		November, December 2017,
	development to further knowledge	community via		Work with K-8 grade
5)	Provide training of PARCC testing	websites and		Mathematics Teachers to
5)	a. Work with 2-8 teachers to	presentations		implement new mathematics
	develop PARCC type	presentations		curriculum and
	assessment questions and	Suggested Sources:		provide professional
	incorporate these into their	Suggested Sources. Supervisor of Curriculum,		development opportunities
	instruction	School Administration,		for staff
	b. Provide students opportunities	Subject Area Committees,		• September, October,
	to become familiar with	Grade Level Committees,		November, December 2017,
	PARCC assessment	Professional Development		identify small group of staff
6)	Development of a curriculum website	Committee		to pilot Mathematics
5)	for communication of information and			Workshop Sentember Ostehen
	updates as it relates to implementation.			• September, October,

7)       Provide presentations to the community to discuss changes to the curriculum.       November, December 2017, pilot Mathematics programs         8)       Work with select staff to pilot Mathematic Programs from McGraw Hill, Pearson, and Houghton Mifflin.       November 2017, provide presentations to the community to discuss changes to the curriculum         9)       Work with select staff to pilot Mathematics Workshop.       Phase 2 – Action Steps 10 – 11 January 2018 – June 2018         10)       Investigate the materials, human capital, financial capital and programs needed to address possible changes.       Phase 2 – Action Steps 10 – 11 January 2018 – June 2018         11)       Make recommendations for programmatic changes.       Phase 2 – Action Steps 10 – 11 January – June 2018, work with K-8 grade Mathematics Teachers to implement new mathematics curriculum and provide professional development of NJSLS and assessments.       January – June 2018, continue to pilot Mathematics Workshop         13)       Make recommendations for changes to curriculum.       January – June 2018, continue to pilot Mathematics Workshop         14)       Work with grade levels/subject areas to: a. Work with S-8 grade Mathematics Teachers to implement selected program linked to NJSLS       January – June 2018, pilot Mathematics programs         b.       Provide job-embedded, frequent professional development to begin development to begin       Phase 3 – Action Steps 12 – 16 bly 2018 – December 2018
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development of knowledge in Line 2019
<ul> <li>Mathematics Workshop</li> <li>July and August 2018, review</li> </ul>
model Mathematics curriculum to
15) Provide training of PARCC testing ensure alignment to NISUS
a. Work with 2-8 teachers to
develop PARCC type
assessment questions and
incorporate these into their Presentation to the Board of
Instruction
16) Provide presentations to the community
to discuss changes to the currentum.
17) Set yearly review of curriculum to
ensure reading sequence is consistently Work with 5-8 grade Mathematics Teachers to
aligned to NINES and Assessments
18) Make recommendations for changes to   implement selected
curriculum, if necessary.
19) Work with grade levels/subject areas to:
a. Work with K-4 grade Teachers

to implement selected	development opportunities
mathematics program linked to	for staff
NJSLS	<ul> <li>November 2018, Provide</li> </ul>
b. Provide job-embedded,	presentation to the
frequent professional	community to discuss
development to further	changes to the mathematics
develop of knowledge in the	curriculum
Mathematics Workshop model	
c. Work to observe staff	Phase 4 – Action Step 14 & 15
members in Mathematics	January 2019 – June 2019
Workshop to develop	• January - June 2019, Work
consistent delivery	with 5-8 grade Mathematics
20) Provide presentations to the community	Teachers to implement
to discuss changes to the curriculum.	selected mathematics
21) Set yearly review of curriculum to	program and Mathematics
ensure reading sequence is consistently	Workshop and
aligned to NJSLS and assessments.	provide professional
22) Make recommendations for changes to	development opportunities
curriculum, if necessary.	for staff
	Phase 5 – Action Steps 17 – 20
	July 2019 – December 2019
	• July and August 2019, review
	Mathematics curriculum to
	ensure alignment to NJSLS
	• July, August, September
	2019, make recommendations
	for changes, if necessary
	August 2019, Curriculum
	Presentation to the Board of
	Education
	• September, October,
	November, December 2019,
	Work with K-4 grade
	teachers to implement
	selected mathematics
	program and Mathematics
	Workshop and provide
	professional development
	opportunities for staff
	Phase 6 – Action Step 19
	January 2020 – June 2020

	<ul> <li>January – June 2020, work with K-4 grade teachers to implement selected mathematics program and Mathematics Workshop and provide professional development opportunities for staff</li> </ul>
	<ul> <li>Phase 7 – Action Steps 21 &amp; 22 July 2020 and Beyond</li> <li>Review curriculum on a yearly basis</li> <li>Provide professional development, as needed</li> <li>Provide presentations to the community to discuss changes to the curriculum</li> </ul>

Implications for Professional Development – All staff must have working knowledge of selected Mathematics Program and Mathematics Workshop, and demonstration of this will be assessed through development of lesson plans and through teacher evaluation. All staff must have working knowledge of programmatic changes and this will be assessed during teacher evaluations and through the use of Professional Growth Plans.

Implications for Stakeholders – All staff must be invited into this process and communication through each phase is mandatory. All community members must be made aware of the changes in proactive presentations. A minimum of two presentations per year and development of a website for communication of information and updates as it relates to implementation.

**Review Each Phase** 

- Phase 1 Committees are developed and new curriculum is written to address changes in the NJSLS. Professional development focuses on changes in the curriculum. Pilot teachers are selected to run pilots of Pearson, McGraw Hill, and Houghton Mifflin. Pilot teachers are selected to run Mathematics Workshop.
- 2) Phase 2 Continuation of implementation of new curriculum and pilots of Mathematics Workshop and selected mathematics programs. Professional development continues. Selection of pilot mathematics program.
- 3) Phase 3 Beginning of 5-8 implementation of new Mathematics Program and Mathematics Workshop. Professional development focus on aspects of the new mathematics program.
- 4) Phase 4 Continuation of implementation of new 5-8 Mathematics Program. Professional development continues for 5-8 teachers on new program and Mathematics Workshop.
- 5) Phase 5 Beginning of K-4 implementation of new Mathematics Program and Mathematics Workshop. Professional development focus on aspects of the new mathematics program.
- 6) Phase 6 Continuation of implementation of new K-4 Mathematics Program. Professional development continues for 5-8 teachers on new program and Mathematics Workshop.

7) Phase 7 – Provide professional development where needed. Yearly review of curriculum.