

Watchung Borough School District

**District Benchmark Goals
2018-2019**

Bayberry Elementary School – Mathematics – Grade Kindergarten

Targeting students in grades K-4, it is projected that by June 2019, 80% of the students will demonstrate mathematics proficiency in the following categories by scoring 80% or higher on a teacher-developed course-level criterion – referenced mathematics assessment

- Kindergarten NJSLs Overview
 - Counting and Cardinality
 - Operations and Algebraic Thinking
 - Number and Operations in Base Ten
 - Measurement and Data
 - Geometry

Teacher	MP1 Class Avg	MP2 Class Avg	MP3 Class Avg	MP4 Class Avg
A	95.6%	96.5%	98.8%	97.9%
B	99.5%	100%	100%	100%
C	93.7%	84.1%	82%	94%
D	83.8%	92.2%	98.4%	99%
E	83.6%	91.8%	100%	97.4%
Grade level	92.8%	93.6%	95.3%	98.1%

Teacher	MP1	MP2	MP3	MP4
A	94.1%	100%	100%	100%
B	100%	100%	100%	100%
C	93.3%	64.2%	78%	85.7%
D	85.7%	100%	100%	100%
E	100%	91.7%	100%	100%
Grade level	94%	91%	96%	96.9%

Goal: 80% of Students Scoring 80% +	
MP1	94%
MP2	91%
MP3	96%
MP4	96.9%

Bayberry Elementary School – Mathematics – Grade 1

Targeting students in grades K-4, it is projected that by June 2019, 80% of the students will demonstrate mathematics proficiency in the following categories by scoring 80% or higher on a teacher-developed course-level criterion – referenced mathematics assessment

- Grade 1 NJSL Overview
 - Operations and Algebraic Thinking
 - Number and Operations in Base Ten
 - Measurement and Data
 - Geometry

Teacher	MP1 Class Avg	MP2 Class Avg	MP3 Class Avg	MP4 Class Avg
A	88.3%	88.7%	89.5%	86%
B	95.1%	90.4%	85.3%	87%
C	92%	89%	90.5%	92.2%
D	93.9%	92%	89%	89%
E	88%	84%	100%	94%
Grade level	92.6%	90.4%	88.7%	88.7%

Teacher	MP1	MP2	MP3	MP4
A	83.3%	83.3%	66.7%	80%
B	100%	94.1%	62.5%	100%
C	100%	86.7%	86.7%	87.5%
D	100%	93.3%	80%	86.7%
E	100%	100%	100%	100%
Grade level	96.7%	96.6%	80%	89.8%

Goal: 80% of Students Scoring 80% +	
MP1	96.7%
MP2	96.6%
MP3	80%
MP4	89.8%

Bayberry Elementary School – Mathematics – Grade 2

Targeting students in grades K-4, it is projected that by June 2019, 80% of the students will demonstrate mathematics proficiency in the following categories by scoring 80% or higher on a teacher-developed course-level criterion – referenced mathematics assessment

- Grade 2 NJSLs Overview
 - Operations and Algebraic Thinking
 - Number and Operations in Base Ten
 - Measurement and Data
 - Geometry

Teacher	MP1 Class Avg	MP2 Class Avg	MP3 Class Avg	MP4 Class Avg
A	92.8%	96%	89.1%	91.3%
B	92%	92%	91.2%	87%
C	93%	95%	92.1%	94.4%
D	95.3%	95.9%	95.6%	88%
E	85%	90%	87.5%	92.5%
Grade level	92.9%	94.7%	91.8%	90.3%

Teacher8 2.4%	MP1	MP2	MP3	MP4
A	92.8%	100%	88.2%	100%
B	92.0%	86.7%	93.8%	77%
C	94.0%	100%	100%	93.8%
D	94.4%	100%	100%	82.4%
E	85.0%	100%	100%	100%
Grade level	97%	96.9%	95%	88.9%

Goal: 80% of Students Scoring 80% +	
MP1	97%
MP2	96.9%
MP3	95%
MP4	88.9%

Bayberry Elementary School – Mathematics – Grade 3

Targeting students in grades K-4, it is projected that by June 2019, 80% of the students will demonstrate mathematics proficiency in the following categories by scoring 80% or higher on a teacher-developed course-level criterion – referenced mathematics assessment

- Grade 3 NJSLs Overview
 - Operations and Algebraic Thinking
 - Number and Operations in Base Ten
 - Number and Operations - Fractions
 - Measurement and Data
 - Geometry

Teacher	MP1 Class Avg	MP2 Class Avg	MP3 Class Avg	MP4 Class Avg
A	64.8%	44.8%	63.3%	62.5%
B	88.7%	79.9%	91.5%	93.4%
C	87.3%	80.1%	82.3%	92.9%
D	88.6%	78.5%	82.8%	85.3%
Grade level	86.7%	77.2%	84.2%	88%

Teacher	MP1	MP2	MP3	MP4
A	0%	0%	0%	0%
B	77.2%	50%	93.8%	87.5%
C	87.5%	64.7%	68.8%	95%
D	78.2%	50%	73.7%	87%
Grade level	78.1%	50%	77.4%	84%

Goal: 80% of Students Scoring 80% +	
MP1	78.1%
MP2	50%
MP3	77.4%
MP4	84%

Bayberry Elementary School – Mathematics – Grade 4

Targeting students in grades K-4, it is projected that by June 2019, 80% of the students will demonstrate mathematics proficiency in the following categories by scoring 80% or higher on a teacher-developed course-level criterion – referenced mathematics assessment

- Grade 4 NJSLs Overview
 - Operations and Algebraic Thinking
 - Number and Operations in Base Ten
 - Number and Operations - Fractions
 - Measurement and Data
 - Geometry

Teacher`	MP1 Class Avg	MP2 Class Avg	MP3 Class Avg	MP4 Class Avg
A	61.2%	34%	55%	65.3%
B	90.5%	85.2%	87.9%	86.8%
C	91.7%	87.7%	89.2%	81.8%
D	94.8%	87.5%	91.8%	88%
Grade level	89.9%	84.5%	88%	84.8%

Teacher	MP1	MP2	MP3	MP4
A	8%	0%	0%	0%
B	94.1%	53%	88.2%	88.2%
C	84.2%	85%	84.5%	80%
D	95%	90%	89.5%	90%
Grade level	84.5%	75.8%	84.8%	83%

Goal: 80% of Students Scoring 80% +	
MP1	86.8%
MP2	75.8%
MP3	84.8%
MP4	83%

Bayberry Elementary School – Reading Comprehension – Grade 3

Targeting students in grade 3, it is projected that by June 2019, 75% of the students will demonstrate reading comprehension proficiency in analyzing text by scoring 80% or higher on a teacher-developed course-level criterion – referenced reading assessment

Teacher	MP1 Class Avg	MP2 Class Avg	MP3 Class Avg	MP4 Class Avg
A	21.5%	61%	75%	66.8%
B	39.5%	72.4%	80.0%	92.2%
C	28%	65%	73.9%	82.1%
D	26.6%	58.4%	68.1%	81.5%
Grade level	29.8%	64.4%	73.4%	83.2%

Teacher	MP1	MP2	MP3	MP4
A	0%	18%	0%	20%
B	0%	55%	62.5%	87.5%
C	0%	14%	52.6%	80%
D	0%	21%	30%	74%
Grade level	0%	20%	43.9%	81.4%

Goal: 75 % of Students Scoring 80% +	
MP1	0%
MP2	20%
MP3	43.9%
MP4	81.4%

Bayberry Elementary School – Reading Comprehension – Grade 4

Targeting students in grade 4, it is projected that by June 2019, 75% of the students will demonstrate reading comprehension proficiency in analyzing text by scoring 80% or higher on a teacher-developed course-level criterion – referenced reading assessment

Teacher	MP1 Class Avg	MP2 Class Avg	MP3 Class Avg	MP4 Class Avg
A	6%	35%	42.8%	46.8%
B	56.8%	61.2%	67%	77.8%
C	50.4%	57.9%	68.5%	76.6%
D	41.8%	54%	67.8%	80%
Grade level	44.8%	53.9%	65.6%	75.9%

Teacher	MP1	MP2	MP3	MP4
A	0%	0%	0%	0%
B	0%	17%	29.4%	68.4%
C	0%	0%	17.7%	61.1%
D	0%	5%	26.3%	72.2%
Grade level	0%	6%	24.1%	66.6%

Goal: 75 % of Students Scoring 80% +	
MP1	0%
MP2	6%
MP3	24.1%
MP4	66.6%

Bayberry Elementary School –Writing– Grade 3

Targeting students in grades 3 and 4, it is projected that by June 2019, 80% of the students will demonstrate proficiency in narrative writing, informational/explanatory writing and opinion writing by scoring a 2 or better on the PARCC Scoring Rubric

Teacher	MP1 Class Avg	MP2 Class Avg	MP3 Class Avg	MP4 Class Avg
A	0	0.6	0	0
B	1.1	2.1	2.7	2.7
C	0.4	1.9	2.2	2.5
D	0.6	1.6	2.1	2.3
Grade level	0.7	1.7	2.3	2.5

Teacher	MP1	MP2	MP3	MP4
A	8.0%	0%	0%	0%
B	9.0%	75%	100%	100%
C	37.5%	66%	89.5%	100%
D	25.0%	43%	77.3%	91.3%
Grade level	17.1%	56%	86.2%	96.6%

Goal: 80 % of Students Scoring 2 +	
MP1	17.1%
MP2	56%
MP3	86.2%
MP4	96.6%

Bayberry Elementary School –Writing– Grade 4

Targeting students in grades 3 and 4, it is projected that by June 2019, 80% of the students will demonstrate proficiency in narrative writing, informational/explanatory writing and opinion writing by scoring a 2 or better on the PARCC Scoring Rubric

Teacher	MP1 Class Avg	MP2 Class Avg	MP3 Class Avg	MP4 Class Avg
A	0	0	0	0
B	1.8	2.4	2.7	3.4
C	1.7	2.7	2.7	3.4
D	1.1	2.2	2.4	3.2
Grade level	1.3	2.1	2.4	3.1

Teacher	MP1	MP2	MP3	MP4
A	0%	0%	0%	0%
B	58.8%	88%	94%	100%
C	52%	83%	94%	100%
D	20%	75%	76%	100%
Grade level	41%	77%	80.3%	93.2%

Goal: 80 % of Students Scoring 2 +	
MP1	41%
MP2	77%
MP3	80.3%
MP4	93.2%

Valley View – Reading Comprehension – Grade 5

Targeting students in grade 5, it is projected that by June 2019, 75% of the students will demonstrate reading comprehension proficiency in analyzing text by scoring 80% or higher on a teacher-developed course-level criterion – referenced reading assessment

Teacher	MP1 Class Avg	MP2 Class Avg	MP3 Class Avg	MP4 Class Avg
A	76.3%	89%	95%	87%
B	67.7%	87.5%	94%	84%
C	84.4%	93%	97%	94%
D	85%	84%	98%	100%
E	63.8%	83.5%	94%	93%
Grade level	73.3%	88.2%	94%	88%

Teacher	MP1	MP2	MP3	MP4
A	63%	100%	100%	100%
B	53%	93%	100%	80%
C	75%	100%	100%	100%
D	100%	50%	100%	100%
E	23%	67%	93%	93%
Grade level	53%	89%	98%	94%

Goal: 75 % of Students Scoring 80% +	
MP1	53%
MP2	89%
MP3	98%
MP4	94%

Valley View –Writing– Grade 5

Targeting students in grade 5, it is projected that by June 2019, 80% of the students will demonstrate proficiency in narrative writing, informational/explanatory writing and opinion writing by scoring a 2 or better on the PARCC Scoring Rubric

Teacher	MP1 Class Avg	MP2 Class Avg	MP3 Class Avg	MP4 Class Avg
A	2.0	2.1	3.8	2.96
B	2.5	2.9	3.4	2.93
C	2.4	3.4	3.5	3.33
D	1.5	2.0	1.5	3.75
E	2.5	2.6	2.6	3.2
Grade level	2.3	2.7	3.0	3.1

Teacher	MP1	MP2	MP3	MP4
A	88%	75%	87%	100%
B	93%	80%	93%	93%
C	100%	100%	100%	100%
D	50%	100%	50%	100%
E	94%	73%	93%	100%
Grade level	92%	83%	92%	98%

Goal: 80% of Students Scoring 2 +	
MP1	92%
MP2	83%
MP3	92%
MP4	98%

Valley View – Mathematics – Grade 5

Targeting students in grade 5, it is projected that by June 2019, 80% of the students will demonstrate mathematics proficiency in the following categories by scoring 80% or higher on a teacher-developed course-level criterion – referenced mathematics assessment

- Grade 5 NJSLs Overview
 - Operations and Algebraic Thinking
 - Number and Operations in Base Ten
 - Number and Operations - Fractions
 - Measurement and Data
 - Geometry

Teacher	MP1 Class Avg	MP2 Class Avg	MP3 Class Avg	MP4 Class Avg
A	94.6%	92%	98%	97%
B	84.3%	77%	80%	81%
C	91.8%	93.5%	97%	95%
D	81%	68%	75%	61%
E	92.2%	88.5%	84%	96%
Grade level	90.2%	87.3%	93%	91%

Teacher	MP1	MP2	MP3	MP4
A	100%	88%	100%	100%
B	81%	64%	93%	85%
C	100%	100%	100%	100%
D	33%	33%	67%	33%
E	92%	77%	85%	100%
Grade level	90%	81%	94%	94%

Goal: 80% of Students Scoring 80% +	
MP1	90%
MP2	81%
MP3	94%
MP4	94%

Valley View –Writing – Grade 6

Targeting students in grades 6, 7, 8, it is projected that by June 2019, 80% of the students will demonstrate in narrative informational/explanatory and argumentative writing by scoring a 3 or better on the PARCC Scoring Rubric

Teacher	MP1 Class Avg	MP2 Class Avg	MP3 Class Avg	MP4 Class Avg
A	2.6	2.5	2.9	3.0
B	2.8	2.6	2.8	3.3
C	2.4	2.8	2.9	3.0
D	2.8	3.0	2.0	2.8
Grade level	2.8	2.7	2.8	3.0

Teacher	MP1	MP2	MP3	MP4
A	58%	56%	81%	88%
B	76%	62%	85%	94%
C	53%	65%	81%	76%
D	60%	60%	25%	50%
Grade level	54%	59%	80%	83%

Goal: 80% of Students Scoring 3+	
MP1	54%
MP2	59%
MP3	80%
MP4	83%

Valley View –Writing – Grade 7

Targeting students in grades 6, 7, 8, it is projected that by June 2019, 80% of the students will demonstrate in narrative informational/explanatory and argumentative writing by scoring a 3 or better on the PARCC Scoring Rubric

Teacher	MP1 Class Avg	MP2 Class Avg	MP3 Class Avg	MP4 Class Avg
A	3.2	2.6	3.3	3.0
B	3.3	3.3	3.0	3.0
C	2.9	3.2	3.4	3.3
Grade level	2.9	3.2	3.3	3.2

Teacher	MP1	MP2	MP3	MP4
A	78%	63%	82%	77%
B	100%	100%	100%	50%
C	81%	94%	81%	88%
Grade level	85%	72%	83%	82%

Goal: 80% of Students Scoring 3+	
MP1	85%
MP2	72%
MP3	83%
MP4	82%

Valley View –Writing – Grade 8

Targeting students in grades 6, 7, 8, it is projected that by June 2019, 80% of the students will demonstrate in narrative informational/explanatory and argumentative writing by scoring a 3 or better on the PARCC Scoring Rubric

Teacher	MP1 Class Avg	MP2 Class Avg	MP3 Class Avg	MP4 Class Avg
A	3.3	3.6	3.7	3.4
B	2.9	2.0	3.6	3.6
C	3.0	3.0	3.0	4.0
Grade level	3.3	3.57	3.3	3.6

Teacher	MP1	MP2	MP3	MP4
A	86%	85%	83%	89%
B	83%	83%	100%	100%
C	100%	100%	100%	100%
Grade level	85%	84%	88%	92%

Goal: 80% of Students Scoring 3+	
MP1	85%
MP2	84%
MP3	88%
MP4	92%

Valley View – Mathematics – Grade 6

Targeting students in grades 6, 7, 8, it is projected that by June 2019, 80% of the students will demonstrate mathematics proficiency in the following categories by scoring 83% or higher on a teacher-developed course-level criterion – referenced mathematics assessment

- Grade 6 NJSLs Overview
 - Ratios and Proportional Relationship
 - The Number System
 - Expressions and Equations
 - Geometry
 - Statistics & Probability

Teacher	MP1 Class Avg	MP2 Class Avg	MP3 Class Avg	MP4 Class Avg
A	91%	90.9%	82.2%	86.5%
B	82.3%	61.3%	71.6%	68.2%
Grade level	90.5%	88.9%	83%	87.4%

Teacher	MP1	MP2	MP3	MP4
A	83%	88%	65%	81%
B	67%	17%	20%	60%
Grade level	82%	83%	62%	82%

Goal: 75 % of Students Scoring 80% +	
MP1	82%
MP2	83%
MP3	62%
MP4	82%

Valley View – Mathematics – Grade 7

Targeting students in grades 6, 7, 8, it is projected that by June 2019, 80% of the students will demonstrate mathematics proficiency in the following categories by scoring 83% or higher on a teacher-developed course-level criterion – referenced mathematics assessment

- Grade 7 NJSLs Overview
 - Ratios and Proportional Relationship
 - The Number System
 - Expressions and Equations
 - Geometry
 - Statistics & Probability

Teacher	MP1 Class Avg	MP2 Class Avg	MP3 Class Avg	MP4 Class Avg
A	91%	85%	90%	79%
B	77%	68%	69%	79%
C	75%	68%	76%	75%
Grade level	86%	78%	89%	77%

Teacher	MP1	MP2	MP3	MP4
A	88%	68%	73%	79%
B	43%	26%	26%	4%
C	33%	0%	33%	33%
Grade level	70%	50%	45%	48%

Goal: 75 % of Students Scoring 80% +	
MP1	70%
MP2	50%
MP3	45%
MP4	48%

Valley View – Mathematics – Grade 8

Gr. 8 Mathematics: Targeting students in grades 6, 7, 8, it is projected that by June 2019, 80% of the students will demonstrate mathematics proficiency in the following categories by scoring 83% or higher on a teacher-developed course-level criterion – referenced mathematics assessment

Algebra: Targeting students in grades 7 & 8 it is projected that by June 2019, 80% of the students will demonstrate mathematics proficiency in the following categories by scoring 83% or higher on a teacher-developed course-level criterion – referenced mathematics assessment

Geometry: Targeting students in grade 8 it is projected that by June 2019, 80% of the students will demonstrate mathematics proficiency in the following categories by scoring 85% or higher on a teacher-developed course-level criterion – referenced mathematics assessment

Grade 8 NJSL Overview	Algebra I NJSL Overview		Geometry NJSL Overview	
<ul style="list-style-type: none"> ○ The Number System ○ Expressions and Equations ○ Functions ○ Geometry ○ Statistics & Probability 	<ul style="list-style-type: none"> • Qualities • Seeing Structure in Expressions • Creating Equations • Reasoning with Equations & Inequalities • Interpreting Functions 	<ul style="list-style-type: none"> • Building Function • Arithmetic with Polynomials & Rational Expressions • The Real Number System • Linear, Quadratic, and Exponential Models • Interpreting Categorical and Quantitative Data 	<ul style="list-style-type: none"> • Congruence • Expressing Geometric Properties with Equations • Similarity, Right Triangles, and Trigonometry 	<ul style="list-style-type: none"> • Circles • Modeling with Geometry • Geometric Measurement and Dimension • Conditional Probability and Rules of Probability • Using Probability to Make Decisions

Teacher	MP1 Class Avg	MP2 Class Avg	MP3 Class Avg	MP4 Class Avg
A	88%	70%	67%	87%
B	89%	69.4%	76%	89%
C	78%	52%	77%	74%
D	85%	79%	90%	81%
E	84%	84%	88%	100%
Grade level	85%	75%	82%	84%

Teacher	MP1	MP2	MP3	MP4
A	67%	8%	0%	92%
B	78%	14%	33%	78%
C	40%	0%	40%	20%
D	62%	47%	98%	48%
E	50%	25%	100%	100%
Grade level	63%	32%	68%	60%

Goal: 75 % of Students Scoring 80% +	
MP1	64%
MP2	32%
MP3	68%
MP4	60%

Next Steps...

- Professional Development continues to focus on Reading, Writing, and Mathematical instructional practices.
- In-depth data analysis of benchmark outcomes with all staff.
 - Item analysis
 - Monitoring of the alignment of NJSLA and the pacing of curriculum
- Incorporate Depth of Knowledge leveled questions into classroom lessons.
- Incorporate daily questions aligned to NJSLA (PARCC).
- Monthly grade level meetings focused on monitoring of student progress.
- Develop weekly reading and writing home-school learning packets.
- Unpack the standards and NJSLA connections and expectations for grade levels K-4 at every faculty meeting.
- 6 week intervention cycle for students not making progress on multiple assessments.