

# **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<br>Class Avg | MP2<br>Class Avg | MP3<br>Class Avg | MP4<br>Class Avg |
|--------------------|------------------|------------------|------------------|------------------|
| A                  | 95.6%            | 96.5%            |                  |                  |
| B                  | 99.5%            | 100%             |                  |                  |
| C                  | 93.7%            | 84.1%            |                  |                  |
| D                  | 83.8%            | 92.2%            |                  |                  |
| E                  | 83.6%            | 91.8%            |                  |                  |
| <b>Grade level</b> | <b>92.8%</b>     | <b>93.6%</b>     |                  |                  |

| Teacher            | MP1        | MP2        | MP3 | MP4 |
|--------------------|------------|------------|-----|-----|
| A                  | 94.1%      | 100%       |     |     |
| B                  | 100%       | 100%       |     |     |
| C                  | 93.3%      | 64.2%      |     |     |
| D                  | 85.7%      | 100%       |     |     |
| E                  | 100%       | 91.7%      |     |     |
| <b>Grade level</b> | <b>94%</b> | <b>91%</b> |     |     |

| Goal: 80% of Students Scoring 80% + |            |
|-------------------------------------|------------|
| MP1                                 | <b>94%</b> |
| MP2                                 | <b>91%</b> |
| MP3                                 |            |
| MP4                                 |            |

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

| Teacher            | MP1<br>Class Avg | MP2<br>Class Avg | MP3<br>Class Avg | MP4<br>Class Avg |
|--------------------|------------------|------------------|------------------|------------------|
| A                  | 88.3%            | 88.7%            |                  |                  |
| B                  | 95.1%            | 90.4%            |                  |                  |
| C                  | 92%              | 89%              |                  |                  |
| D                  | 93.9%            | 92%              |                  |                  |
| E                  | 88%              | 84%              |                  |                  |
| <b>Grade level</b> | <b>92.6%</b>     | <b>90.4%</b>     |                  |                  |

| Teacher            | MP1          | MP2          | MP3 | MP4 |
|--------------------|--------------|--------------|-----|-----|
| A                  | 83.3%        | 83.3%        |     |     |
| B                  | 100%         | 94.1%        |     |     |
| C                  | 100%         | 86.7%        |     |     |
| D                  | 100%         | 93.3%        |     |     |
| E                  | 100%         | 100%         |     |     |
| <b>Grade level</b> | <b>96.7%</b> | <b>96.6%</b> |     |     |

| Goal: 80% of Students Scoring 80% + |              |
|-------------------------------------|--------------|
| MP1                                 | <b>96.7%</b> |
| MP2                                 | <b>96.6%</b> |
| MP3                                 |              |
| MP4                                 |              |

## 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<br>Class Avg | MP2<br>Class Avg | MP3<br>Class Avg | MP4<br>Class Avg |
|--------------------|------------------|------------------|------------------|------------------|
| A                  | 92.8%            | 96%              |                  |                  |
| B                  | 92%              | 92%              |                  |                  |
| C                  | 93%              | 95%              |                  |                  |
| D                  | 95.3%            | 95.9%            |                  |                  |
| E                  | 85%              | 90%              |                  |                  |
| <b>Grade level</b> | <b>92.9%</b>     | <b>94.7%</b>     |                  |                  |

| Teacher            | MP1        | MP2          | MP3 | MP4 |
|--------------------|------------|--------------|-----|-----|
| A                  | 92.8%      | 100%         |     |     |
| B                  | 92.0%      | 86.7%        |     |     |
| C                  | 94.0%      | 100%         |     |     |
| D                  | 94.4%      | 100%         |     |     |
| E                  | 85.0%      | 100%         |     |     |
| <b>Grade level</b> | <b>97%</b> | <b>96.9%</b> |     |     |

| Goal: 80% of Students Scoring 80% + |              |
|-------------------------------------|--------------|
| MP1                                 | <b>97%</b>   |
| MP2                                 | <b>96.9%</b> |
| MP3                                 |              |
| MP4                                 |              |

## 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<br>Class Avg | MP2<br>Class Avg | MP3<br>Class Avg | MP4<br>Class Avg |
|-------------|------------------|------------------|------------------|------------------|
| A           | 64.8%            | 44.8%            |                  |                  |
| B           | 88.7%            | 79.9%            |                  |                  |
| C           | 87.3%            | 80.1%            |                  |                  |
| D           | 88.6%            | 78.5%            |                  |                  |
| Grade level | 86.7%            | 77.2%            |                  |                  |

| Teacher     | MP1   | MP2   | MP3 | MP4 |
|-------------|-------|-------|-----|-----|
| A           | 0%    | 0%    |     |     |
| B           | 77.2% | 50%   |     |     |
| C           | 87.5% | 64.7% |     |     |
| D           | 78.2% | 50%   |     |     |
| Grade level | 78.1% | 50%   |     |     |

| Goal: 80% of Students Scoring 80% + |              |
|-------------------------------------|--------------|
| MP1                                 | <b>78.1%</b> |
| MP2                                 | <b>50%</b>   |
| MP3                                 |              |
| MP4                                 |              |

## 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<br>Class Avg | MP2<br>Class Avg | MP3<br>Class Avg | MP4<br>Class Avg |
|-------------|------------------|------------------|------------------|------------------|
| A           | 61.2%            | 34%              |                  |                  |
| B           | 90.5%            | 85.2%            |                  |                  |
| C           | 91.7%            | 87.7%            |                  |                  |
| D           | 94.8%            | 87.5%            |                  |                  |
| Grade level | 89.9%            | 84.5%            |                  |                  |

| Teacher     | MP1   | MP2   | MP3 | MP4 |
|-------------|-------|-------|-----|-----|
| A           | 8%    | 0%    |     |     |
| B           | 94.1% | 53%   |     |     |
| C           | 84.2% | 85%   |     |     |
| D           | 95%   | 90%   |     |     |
| Grade level | 84.5% | 75.8% |     |     |

| Goal: 80% of Students Scoring 80% + |              |
|-------------------------------------|--------------|
| MP1                                 | <b>86.8%</b> |
| MP2                                 | <b>75.8%</b> |
| MP3                                 |              |
| MP4                                 |              |

## 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<br>Class Avg | MP2<br>Class Avg | MP3<br>Class Avg | MP4<br>Class Avg |
|-------------|------------------|------------------|------------------|------------------|
| A           | 21.5%            | 61%              |                  |                  |
| B           | 39.5%            | 72.4%            |                  |                  |
| C           | 28%              | 65%              |                  |                  |
| D           | 26.6%            | 58.4%            |                  |                  |
| Grade level | 29.8%            | 64.4%            |                  |                  |

| Teacher     | MP1 | MP2 | MP3 | MP4 |
|-------------|-----|-----|-----|-----|
| A           | 0%  | 18% |     |     |
| B           | 0%  | 55% |     |     |
| C           | 0%  | 14% |     |     |
| D           | 0%  | 21% |     |     |
| Grade level | 0%  | 20% |     |     |

| Goal: 75 % of Students Scoring 80% + |            |
|--------------------------------------|------------|
| MP1                                  | <b>0%</b>  |
| MP2                                  | <b>20%</b> |
| MP3                                  |            |
| MP4                                  |            |

## 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<br>Class Avg | MP2<br>Class Avg | MP3<br>Class Avg | MP4<br>Class Avg |
|-------------|------------------|------------------|------------------|------------------|
| A           | 6%               | 35%              |                  |                  |
| B           | 56.8%            | 61.2%            |                  |                  |
| C           | 50.4%            | 57.9%            |                  |                  |
| D           | 41.8%            | 54%              |                  |                  |
| Grade level | 44.8%            | 53.9%            |                  |                  |

| Teacher     | MP1 | MP2 | MP3 | MP4 |
|-------------|-----|-----|-----|-----|
| A           | 0%  | 0%  |     |     |
| B           | 0%  | 17% |     |     |
| C           | 0%  | 0%  |     |     |
| D           | 0%  | 5%  |     |     |
| Grade level | 0%  | 6%  |     |     |

| Goal: 75 % of Students Scoring 80% + |           |
|--------------------------------------|-----------|
| MP1                                  | <b>0%</b> |
| MP2                                  | <b>6%</b> |
| MP3                                  |           |
| MP4                                  |           |



## 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<br>Class Avg | MP2<br>Class Avg | MP3<br>Class Avg | MP4<br>Class Avg |
|-------------|------------------|------------------|------------------|------------------|
| A           | 0                | 0.6              |                  |                  |
| B           | 1.1              | 2.1              |                  |                  |
| C           | 0.4              | 1.9              |                  |                  |
| D           | 0.6              | 1.6              |                  |                  |
| Grade level | 0.7              | 1.7              |                  |                  |

| Teacher     | MP1   | MP2 | MP3 | MP4 |
|-------------|-------|-----|-----|-----|
| A           | 8.0%  | 0%  |     |     |
| B           | 9.0%  | 75% |     |     |
| C           | 37.5% | 66% |     |     |
| D           | 25.0% | 43% |     |     |
| Grade level | 17.1% | 56% |     |     |

| Goal: 80 % of Students Scoring 2 + |              |
|------------------------------------|--------------|
| MP1                                | <b>17.1%</b> |
| MP2                                | <b>56%</b>   |
| MP3                                |              |
| MP4                                |              |

## 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<br>Class Avg | MP2<br>Class Avg | MP3<br>Class Avg | MP4<br>Class Avg |
|-------------|------------------|------------------|------------------|------------------|
| A           | 0                | 0                |                  |                  |
| B           | 1.8              | 2.4              |                  |                  |
| C           | 1.7              | 2.7              |                  |                  |
| D           | 1.1              | 2.2              |                  |                  |
| Grade level | 1.3              | 2.1              |                  |                  |

| Teacher     | MP1   | MP2 | MP3 | MP4 |
|-------------|-------|-----|-----|-----|
| A           | 0%    | 0%  |     |     |
| B           | 58.8% | 88% |     |     |
| C           | 52%   | 83% |     |     |
| D           | 20%   | 75% |     |     |
| Grade level | 41%   | 77% |     |     |

| Goal: 80 % of Students Scoring 2 + |            |
|------------------------------------|------------|
| MP1                                | <b>41%</b> |
| MP2                                | <b>77%</b> |
| MP3                                |            |
| MP4                                |            |

## 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<br>Class Avg | MP2<br>Class Avg | MP3<br>Class Avg | MP4<br>Class Avg |
|-------------|------------------|------------------|------------------|------------------|
| A           | 76.3%            | 89%              |                  |                  |
| B           | 67.7%            | 87.5%            |                  |                  |
| C           | 84.4%            | 93%              |                  |                  |
| D           | 85%              | 84%              |                  |                  |
| E           | 63.8%            | 83.5%            |                  |                  |
| Grade level | 73.3%            | 88.2%            |                  |                  |

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

| Goal: 75 % of Students Scoring 80% + |            |
|--------------------------------------|------------|
| MP1                                  | <b>53%</b> |
| MP2                                  | <b>89%</b> |
| MP3                                  |            |
| MP4                                  |            |

## 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<br>Class Avg | MP2<br>Class Avg | MP3<br>Class Avg | MP4<br>Class Avg |
|-------------|------------------|------------------|------------------|------------------|
| A           | 2.0              | 2.1              |                  |                  |
| B           | 2.5              | 2.9              |                  |                  |
| C           | 2.4              | 3.4              |                  |                  |
| D           | 1.5              | 2.0              |                  |                  |
| E           | 2.5              | 2.6              |                  |                  |
| Grade level | 2.3              | 2.7              |                  |                  |

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

| Goal: 80% of Students Scoring 2 + |            |
|-----------------------------------|------------|
| MP1                               | <b>92%</b> |
| MP2                               | <b>83%</b> |
| MP3                               |            |
| MP4                               |            |

## 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<br>Class Avg | MP2<br>Class Avg | MP3<br>Class Avg | MP4<br>Class Avg |
|-------------|------------------|------------------|------------------|------------------|
| A           | 94.6%            | 92%              |                  |                  |
| B           | 84.3%            | 77%              |                  |                  |
| C           | 91.8%            | 93.5%            |                  |                  |
| D           | 81%              | 68%              |                  |                  |
| E           | 92.2%            | 88.5%            |                  |                  |
| Grade level | 90.2%            | 87.3%            |                  |                  |

| Teacher     | MP1  | MP2  | MP3 | MP4 |
|-------------|------|------|-----|-----|
| A           | 100% | 88%  |     |     |
| B           | 81%  | 64%  |     |     |
| C           | 100% | 100% |     |     |
| D           | 33%  | 33%  |     |     |
| E           | 92%  | 77%  |     |     |
| Grade level | 90%  | 81%  |     |     |

| Goal: 80% of Students Scoring 80% + |            |
|-------------------------------------|------------|
| MP1                                 | <b>90%</b> |
| MP2                                 | <b>81%</b> |
| MP3                                 |            |
| MP4                                 |            |

## 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<br>Class Avg | MP2<br>Class Avg | MP3<br>Class Avg | MP4<br>Class Avg |
|-------------|------------------|------------------|------------------|------------------|
| A           | 2.6              | 2.5              |                  |                  |
| B           | 2.8              | 2.6              |                  |                  |
| C           | 2.4              | 2.8              |                  |                  |
| D           | 2.8              | 3.0              |                  |                  |
| Grade level | 2.8              | 2.7              |                  |                  |

| Teacher     | MP1 | MP2 | MP3 | MP4 |
|-------------|-----|-----|-----|-----|
| A           | 58% | 56% |     |     |
| B           | 76% | 62% |     |     |
| C           | 53% | 65% |     |     |
| D           | 60% | 60% |     |     |
| Grade level | 54% | 59% |     |     |

| Goal: 80% of Students Scoring 3+ |            |
|----------------------------------|------------|
| MP1                              | <b>54%</b> |
| MP2                              | <b>59%</b> |
| MP3                              |            |
| MP4                              |            |

## 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<br>Class Avg | MP2<br>Class Avg | MP3<br>Class Avg | MP4<br>Class Avg |
|-------------|------------------|------------------|------------------|------------------|
| A           | 3.2              | 2.6              |                  |                  |
| B           | 3.3              | 3.3              |                  |                  |
| C           | 2.9              | 3.2              |                  |                  |
| Grade level | 2.9              | 3.2              |                  |                  |

| Teacher     | MP1  | MP2  | MP3 | MP4 |
|-------------|------|------|-----|-----|
| A           | 78%  | 63%  |     |     |
| B           | 100% | 100% |     |     |
| C           | 81%  | 94%  |     |     |
| Grade level | 85%  | 72%  |     |     |

| Goal: 80% of Students Scoring 3+ |            |
|----------------------------------|------------|
| MP1                              | <b>85%</b> |
| MP2                              | <b>72%</b> |
| MP3                              |            |
| MP4                              |            |

## 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<br>Class Avg | MP2<br>Class Avg | MP3<br>Class Avg | MP4<br>Class Avg |
|-------------|------------------|------------------|------------------|------------------|
| A           | 3.3              | 3.6              |                  |                  |
| B           | 2.9              | 2.0              |                  |                  |
| C           | 3.0              | 3.0              |                  |                  |
| Grade level | 3.3              | 3.57             |                  |                  |

| Teacher     | MP1 | MP2  | MP3 | MP4 |
|-------------|-----|------|-----|-----|
| A           | 86% | 85%  |     |     |
| B           | 83% | 62%  |     |     |
| C           | 50% | 100% |     |     |
| Grade level | 85% | 84%  |     |     |

| Goal: 80% of Students Scoring 3+ |            |
|----------------------------------|------------|
| MP1                              | <b>85%</b> |
| MP2                              | <b>84%</b> |
| MP3                              |            |
| MP4                              |            |



## 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<br>Class Avg | MP2<br>Class Avg | MP3<br>Class Avg | MP4<br>Class Avg |
|-------------|------------------|------------------|------------------|------------------|
| A           | 91%              | 90.9%            |                  |                  |
| B           | 82.3%            | 61.3%            |                  |                  |
| Grade level | 90.5%            | 88.9%            |                  |                  |

| Teacher     | MP1 | MP2 | MP3 | MP4 |
|-------------|-----|-----|-----|-----|
| A           | 83% | 88% |     |     |
| B           | 67% | 17% |     |     |
| Grade level | 82% | 83% |     |     |

| Goal: 75 % of Students Scoring 80% + |            |
|--------------------------------------|------------|
| MP1                                  | <b>82%</b> |
| MP2                                  | <b>83%</b> |
| MP3                                  |            |
| MP4                                  |            |

## 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<br>Class Avg | MP2<br>Class Avg | MP3<br>Class Avg | MP4<br>Class Avg |
|-------------|------------------|------------------|------------------|------------------|
| A           | 91%              | 85%              |                  |                  |
| B           | 77%              | 68%              |                  |                  |
| C           | 75%              | 68%              |                  |                  |
| Grade level | 86%              | 78%              |                  |                  |

| Teacher     | MP1 | MP2 | MP3 | MP4 |
|-------------|-----|-----|-----|-----|
| A           | 88% | 68% |     |     |
| B           | 43% | 26% |     |     |
| C           | 33% | 0%  |     |     |
| Grade level | 70% | 50% |     |     |

| Goal: 75 % of Students Scoring 80% + |            |
|--------------------------------------|------------|
| MP1                                  | <b>70%</b> |
| MP2                                  | <b>50%</b> |
| MP3                                  |            |
| MP4                                  |            |

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

| Teacher     | MP1 Class Avg | MP2 Class Avg | MP3 Class Avg | MP4 Class Avg |
|-------------|---------------|---------------|---------------|---------------|
| A           | 88%           | 70%           |               |               |
| B           | 89%           | 69.4%         |               |               |
| C           | 78%           | 52%           |               |               |
| D           | 85%           | 79%           |               |               |
| E           | 84%           | 84%           |               |               |
| Grade level | 85%           | 75%           |               |               |

| Teacher     | MP1 | MP2   | MP3 | MP4 |
|-------------|-----|-------|-----|-----|
| A           | 67% | 8%    |     |     |
| B           | 78% | 12.5% |     |     |
| C           | 40% | 0%    |     |     |
| D           | 62% | 47%   |     |     |
| E           | 50% | 25%   |     |     |
| Grade level | 63% | 32%   |     |     |

| Goal: 75 % of Students Scoring 80% + |            |
|--------------------------------------|------------|
| MP1                                  | <b>64%</b> |
| MP2                                  | <b>32%</b> |
| MP3                                  |            |
| MP4                                  |            |

# 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.