

## Results of Annual Statewide Assessments 2021-2022

Waldwick School District
Dr. Elias, Director of Curriculum and Instruction
October 17, 2022

## State Assessments Administered

## ACCESS for ELLs

- Administered in the spring
- All students designated as English Language Learners complete the assessment in grades K-12
- Students assessed in Listening, Reading, Speaking, and Writing

DLM

- Administered in the spring
- Administered to students with significant cognitive disabilities who cannot participate in NJSLA
- ELA and Math grades 3-11
- Science for grades 5, 8, 11

NJGPA (results pending)

- Administered in spring
- New assessment for grade 11 (do not count towards graduation this year)
- ELA and Math
- Results have not yet been received

NJSLA (New Jersey Student Learning Assessment)

- Administered in the spring
- ELA/Math: Grades 3-9, Algebra I, Algebra II, Geometry
- Science: 5, 8, 11

Start Strong (results pending)

- Administered in the Fall of 2022
- ELA: Grades 4-10
- Math: Grades 4-8, Algebra I, Algebra II, Geometry
- Science: Grades 6, 9, 12
- Content from the previous year
- Data used for teachers to guide instruction
- Short assessment, $\sim 10$ multiple choice questions per subject


## Limitations to Presentation

The district cannot report test results when fewer than 10 students completed the assessment. This ensures student confidentiality. For example, fewer than 10 students completed the DLM assessment so those results cannot be shared with the public. In addition, there are fewer than 10 ELL students in some grade levels so information that can be reported is limited.

## Participation Rate of State Assessments

ACCESS for ELLs- 100\%
DLM-50\%

NJSLA

- ELA
- 3rd Grade- 100\%
- 4th Grade- $99 \%$
- 5th Grade-100\%
- 6th Grade- $98 \%$
- 7th Grade- 98\%
- 8th Grade- 99\%
- 9th Grade- $100 \%$


## NJSLA

- Math
- 3rd Grade- 100\% 4th Grade- $99 \%$
5th Grade-100\%
6th Grade- $98 \%$
7th Grade- $98 \%$
- 8th Grade- $99 \%$
- Algebral- 100\%
- Algebra II- 100\%
- Geometry- 100\%
- Science
- Grade 5-100\%
- Grade 9-100\%
- Grade 11-100\%


## ACCESS for ELLs

## ACCESS for ELLs

- 32 students in K-5
- 18 students in 6-12
- Waldwick School District participates in a high intensity ESL program. Students identified as English Language Learners are provided two periods per day. One period is ESL language instruction and another period is content area instruction with a certified ESL teacher.
- Students are tested in the spring. Results are used to determine instruction and to determine whether a student still qualifies for ESL services.
- Students are required to be tested even if they opt out of ESL services


## ACCESS for ELLs K-5 Results



## ACCESS for ELLs 6-12 Results



## Data Comparison- 2021, 2022

|  | 2021 Average Proficiency Level | 2022 Average Proficiency Level |
| :--- | :---: | :---: |
| Listening | 4.47 | 3.984 |
| Speaking | 3.42 | 2.798 |
| Reading | 3.22 | 2.728 |
| Writing | 2.83 | 2.718 |
| Oral Language | 3.52 | 3.264 |
| Literacy | 2.88 | 2.648 |
| Comprehension | 3.64 | 3.12 |
| Overall Score | 3.03 | 2.77 |

## Interpretation of Results

- Increase in incoming K group (11 students in 2021-2022)
- 37 students in 2020-2021, 50 students in 2021-2022
- Students overall scored higher in Listening skills
- $\mathrm{K}-5$ students tend to make quicker gains in language acquisition
- Additional support needed for 6-12 students (especially in speaking and writing)
- Title funds used to purchase Leveled Literacy Intervention
- Summer Program for K-5 ELL students (Title funded- staff and resources)
- Professional development for all staff on supporting ELLs in the classroom
- Multisensory program


# NJSLA Results 

NJSLA Results-
ELA

■ Level 1: Did not yet meet grade-level expectations

■ Level 2: Partially met grade-level expectations

■ Level 3: Approached grade-level expectations

■ Level 4: Met grade-level expectations

■ Level 5: Exceeded grade-level expectations

## NJSLA Performance Indicators

## English/Language Arts Results 3-5

|  | Not Yet Meeting Expectations Level 1 |  | Partially <br> Meeting Expectations Level 2 |  | Approaching Expectations Level 3 |  | Meeting Expectations Level 4 |  | Exceeding Expectations Level 5 |  | $\geq$ Level 4 <br> Met or Exceeded Expectations |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Grade | District | State | District | State | District | State | District | State | District | State | District | State |
| 3 | 5.2\% | 20.1\% | 10.4\% | 15.5\% | 23.1\% | 22\% | 48.5\% | 36.2\% | 12.7\% | 6.2\% | 61.2\% | 42.4\% |
| 4 | 4.2\% | 14.4\% | 5.9\% | 14.3\% | 8.4\% | 21.9\% | 46.2\% | 35.3\% | 35.3\% | 14.1\% | 81.5\% | 49.4\% |
| 5 | 2.4\% | 12.5\% | 5.7\% | 14.7\% | 24.4\% | 23.2\% | 52\% | 40.4\% | 15.4\% | 9.2\% | 67.5\% | 49.6\% |

## English/Language Arts Results 6-9

|  | Not Yet Meeting Expectations Level 1 |  | Partially <br> Meeting Expectations Level 2 |  | Approaching Expectations Level 3 |  | Meeting Expectations Level 4 |  | Exceeding Expectations Level 5 |  | $\geq$ Level 4 <br> Met or Exceeded Expectations |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Grade | District | State | District | State | District | State | District | State | District | State | District | State |
| 6 | 2.4\% | 10.6\% | 4\% | 15.6\% | 33.9\% | 26.3\% | 47.6\% | 37.4\% | 12.1\% | 10.2\% | 59.7\% | 47.5\% |
| 7 | 1.7\% | 12.3\% | 7.5\% | 13.5\% | 10\% | 21.5\% | 36.7\% | 31.4\% | 44.2\% | 21.3\% | 80.8\% | 52.7\% |
| 8 | 10.7\% | 14.3\% | 5.7\% | 13.2\% | 12.3\% | 21.2\% | 38.5\% | 35.8\% | 32.8\% | 15.6\% | 71.3\% | 51.3\% |
| 9 | 7.\% | 11.9\% | 9.4\% | 15.6\% | 21.7\% | 23.6\% | 44.3\% | 36.5\% | 12.4\% | 17\% | 61.3\% | 48.9\% |

## ELA Subgroup Data- Grade 3

|  |  | Not Yet Meeting Expectations Level 1 | Partially Meeting Expectations Level 2 | Approaching Expectations Level 3 | Meeting Expectations Level 4 | Exceeding Expectations Level 5 | $\geq$ Level 4 <br> Met or Exceeded Expectations |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Gender | Female | 3.3\% | 8.3\% | 21.7\% | 51.7\% | 15\% | 66.7\% |
|  | Male | 6.8\% | 12.2\% | 24.3\% | 45.9\% | 10.8\% | 56.8\% |
| Ethnicity/Race | Hispanic/ Latino | 16.7\% | 20.8\% | 25\% | 29.2\% | 8.3\% | 37.5\% |
|  | Asian | 0\% | 9.1\% | 9.1\% | 45.5\% | 36.4\% | 81.8\% |
|  | White | 2.2\% | 7.5\% | 24.7\% | 53.8\% | 11.8\% | 65.5\% |
| Students with Disabilities | IEP- Yes | 26.1\% | 21.7\% | 34.8\% | 17.4\% | 0\% | 17.4\% |
|  | IEP- No | 0.9\% | 8.1\% | 20.7\% | 55\% | 15.3\% | 70.3\% |

## ELA Subgroup Data- Grade 4

|  |  | Not Yet Meeting <br> Expectations <br> Level 1 | Partially <br> Meeting <br> Expectations <br> Level 2 | Approaching <br> Expectations <br> Level 3 | Meeting <br> Expectations <br> Level 4 | Exceeding <br> Expectations <br> Level 5 | $\geq$ Level 4 <br> Met or <br> Exceeded <br> Expectations |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Gender | Female | $0 \%$ | $0 \%$ | $10 \%$ | $48 \%$ | $42 \%$ | $90 \%$ |
|  | Male | $7.2 \%$ | $10.1 \%$ | $7.2 \%$ | $44.9 \%$ | $30.4 \%$ | $75.4 \%$ |
| Ethnicity/Race | Hispanic/ <br> Latino | $11.8 \%$ | $11.8 \%$ | $17.6 \%$ | $23.5 \%$ | $35.3 \%$ | $58.8 \%$ |
|  | White | $3.4 \%$ | $3.4 \%$ | $5.6 \%$ | $52.8 \%$ | $34.8 \%$ | $87.6 \%$ |
| Students with | IEP- Yes | $23.8 \%$ | $23.8 \%$ | $33.3 \%$ | $14.3 \%$ | $4.8 \%$ |  |
| Disabilities |  | $0 \%$ | $2 \%$ | $3.1 \%$ | $53.1 \%$ | $41.8 \%$ |  |
|  | IEP- No | $0 \%$ |  |  |  |  |  |

## ELA Subgroup Data- Grade 5

|  |  | Not Yet Meeting <br> Expectations <br> Level 1 | Partially <br> Meeting <br> Expectations <br> Level 2 | Approaching <br> Expectations <br> Level 3 | Meeting <br> Expectations <br> Level 4 | Exceeding <br> Expectations <br> Level 5 | $\geq$ Level 4 <br> Met or <br> Exceeded <br> Expectations |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Gender | Female | $3.4 \%$ | $6.9 \%$ | $19 \%$ | $51.7 \%$ | $19 \%$ | $70.7 \%$ |
|  | Male | $1.5 \%$ | $4.6 \%$ | $29.2 \%$ | $52.3 \%$ | $12.3 \%$ | $64.6 \%$ |
| Ethnicity/Race | Hispanic/ <br> Latino | $8.3 \%$ | $12.5 \%$ | $33.3 \%$ | $37.5 \%$ | $8.3 \%$ | $45.8 \%$ |
|  | White | $1.2 \%$ | $4.8 \%$ | $25 \%$ | $56 \%$ | $13.1 \%$ | $69 \%$ |
| Students with | IEP- Yes | $9.5 \%$ | $19 \%$ | $28.6 \%$ | $42.9 \%$ | $0 \%$ | $42.9 \%$ |
| Disabilities |  | $1 \%$ | $2.9 \%$ | $23.5 \%$ | $53.9 \%$ | $18.6 \%$ | $72.5 \%$ |

## ELA Subgroup Data- Grade 6

|  |  | Not Yet Meeting Expectations Level 1 | Partially Meeting Expectations Level 2 | Approaching Expectations Level 3 | Meeting Expectations Level 4 | Exceeding Expectations Level 5 | $\geq$ Level 4 <br> Met or <br> Exceeded Expectations |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Gender | Female | 1.7\% | 3.3\% | 35\% | 43.3\% | 16.7\% | 60\% |
|  | Male | 3.1\% | 4.7\% | 32.8\% | 51.6\% | 7.8\% | 59.4\% |
| Ethnicity/Race | Hispanic/ Latino | 10.5\% | 5.3\% | 47.4\% | 26.3\% | 10.5\% | 36.8\% |
|  | White | 1.1\% | 3.4\% | 34.1\% | 52.3\% | 9.1\% | 61.4\% |
| Students with Disabilities | IEP- Yes | 15.8\% | 15.8\% | 52.6\% | 15.8\% | 0\% | 15.8\% |
|  | IEP- No | 0\% | 1.9\% | 30.5\% | 53.3\% | 14.3\% | 67.6\% |

## ELA Subgroup Data- Grade 7

|  |  | Not Yet Meeting <br> Expectations <br> Level 1 | Partially <br> Meeting <br> Expectations <br> Level 2 | Approaching <br> Expectations <br> Level 3 | Meeting <br> Expectations <br> Level 4 | Exceeding <br> Expectations <br> Level 5 | $\geq$ Level 4 <br> Met or <br> Exceeded <br> Expectations |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Gender | Female | $0 \%$ | $5 \%$ | $10 \%$ | $35 \%$ | $50 \%$ | $85 \%$ |
|  | Male | $3.3 \%$ | $10 \%$ | $10 \%$ | $38.3 \%$ | $38.3 \%$ | $76.7 \%$ |
| Ethnicity/Race | Hispanic/ <br> Latino | $4.8 \%$ | $9.5 \%$ | $14.3 \%$ | $38.1 \%$ | $33.3 \%$ | $71.4 \%$ |
|  | White | $1.1 \%$ | $6.8 \%$ | $9.1 \%$ | $35.2 \%$ | $47.7 \%$ | $83 \%$ |
| Students with | IEP- Yes | $5 \%$ | $45 \%$ | $15 \%$ | $25 \%$ | $10 \%$ | $35 \%$ |
| Disabilities |  | $0 \%$ | $0 \%$ | $9 \%$ | $39 \%$ | $51 \%$ |  |
|  | IEP- No | $0 \%$ |  |  |  |  |  |

## ELA Subgroup Data- Grade 8

|  |  | Not Yet Meeting Expectations Level 1 | Partially Meeting Expectations Level 2 | Approaching Expectations Level 3 | Meeting Expectations Level 4 | Exceeding Expectations Level 5 | $>$ Level 4 <br> Met or Exceeded Expectations |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Gender | Female | 6.9\% | 1.7\% | 6.9\% | 36.2\% | 48.3\% | 84.5\% |
|  | Male | 14.1\% | 9.4\% | 17.2\% | 40.6\% | 18.8\% | 59.4\% |
| Ethnicity/Race | Hispanic/ Latino | 22.7\% | 18.2\% | 18.2\% | 36.4\% | 4.5\% | 40.9\% |
|  | White | 8.4\% | 2.4\% | 13.3\% | 38.6\% | 37.3\% | 75.9\% |
| Students with Disabilities | IEP- Yes | 40.7\% | 22.2\% | 22.2\% | 14.8\% | 0\% | 14.8\% |
|  | IEP- No | 2.1\% | 1.1\% | 9.5\% | 45.3\% | 42.1\% | 87.4\% |

## ELA Subgroup Data- Grade 9

|  |  | Not Yet Meeting Expectations Level 1 | Partially Meeting Expectations Level 2 | Approaching Expectations Level 3 | Meeting Expectations Level 4 | Exceeding Expectations Level 5 | $\geq$ Level 4 <br> Met or Exceeded Expectations |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Gender | Female | 0\% | 5.9\% | 21.6\% | 49\% | 23.5\% | 72.5\% |
|  | Male | 14.5\% | 12.7\% | 21.8\% | 40\% | 10.9\% | 50.9\% |
| Ethnicity/Race | Hispanic/ Latino | 25\% | 16.7\% | 33.3\% | 12.5\% | 12.5\% | 25\% |
|  | White | 2.6\% | 7.8\% | 18.2\% | 54.5\% | 16.9\% | 71.4\% |
| Students with Disabilities | IEP- Yes | 24\% | 20\% | 44\% | 12\% | 0\% | 12\% |
|  | IEP- No | 2.5\% | 6.2\% | 14.8\% | 54.3\% | 22.2\% | 76.5\% |
|  | 504 | 0\% | 10\% | 10\% | 40\% | 40\% | 80\% |

## NJSLA-ELA Findings and Interpretation

- Scores were above NJ average and consistent with previous years' data
- Subgroup analysis- Females are generally scoring higher in ELA
- Additional support implemented for ELLs
- Added phonics/multisensory program for all K-2 students (3rd grade will implement next year)
- Reviewing curriculum over the summer to identify necessary changes

NJSLA ResultsMath

## Mathematics Results 3-5

|  | Not Yet <br> Meeting <br> Expectations <br> Level 1 | Partially <br> Meeting <br> Expectations <br> Level 2 | Approaching <br> Expectations <br> Level 3 | Meeting <br> Expectations <br> Level 4 | Exceeding <br> Expectations <br> Level 5 | 2Level 4 <br> Met or <br> Exceeded |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Grade | District | State | District | State | District | State | District | State | District | State | District | State |
| 3 | $2.2 \%$ | $13.3 \%$ | $5.9 \%$ | $18.3 \%$ | $26.7 \%$ | $23 \%$ | $40.7 \%$ | $32.8 \%$ | $24.4 \%$ | $12.6 \%$ | $65.2 \%$ | $45.4 \%$ |
| 4 | $2.5 \%$ | $13.1 \%$ | $10 \%$ | $22.6 \%$ | $12.5 \%$ | $24.8 \%$ | $60.8 \%$ | $33.2 \%$ | $14.2 \%$ | $6.2 \%$ | $75 \%$ | $39.4 \%$ |
| 5 | $2.4 \%$ | $15.1 \%$ | $5.7 \%$ | $23 \%$ | $28.5 \%$ | $25.9 \%$ | $52 \%$ | $28.9 \%$ | $11.4 \%$ | $7.1 \%$ | $63.4 \%$ | $36.1 \%$ |

## Mathematics Results 6-8

|  | Not Yet Meeting Expectations Level 1 |  | Partially <br> Meeting Expectations Level 2 |  | Approaching Expectations Level 3 |  | Meeting Expectations Level 4 |  | Exceeding Expectations Level 5 |  | $\geq$ Level 4 <br> Met or Exceeded Expectations |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Grade | District | State | District | State | District | State | District | State | District | State | District | State |
| 6 | 6.3\% | 15.3\% | 15.9\% | 24.9\% | 35.7\% | 28.5\% | 35.7\% | 26\% | 6.3\% | 5.3\% | 42.1\% | 31.3\% |
| 7 | 3.3\% | 10.9\% | 9.2\% | 23.6\% | 28.3\% | 31.5\% | 48.3\% | 28.9\% | 10.8\% | 5.1\% | 59.2\% | 34.1\% |
| 8 | 16.3\% | 30.4\% | 18.3\% | 31.9\% | 20.2\% | 22.3\% | 39.4\% | 14.6\% | 5.8\% | .8\% | 45.2\% | 15.4\% |

## Mathematics Results Algebra I, Algebra II, Geometry

|  | Not Yet <br> Meeting <br> Expectations <br> Level 1 | Partially <br> Meeting <br> Expectations <br> Level 2 | Approaching <br> Expectations <br> Level 3 | Meeting <br> Expectations <br> Level 4 | Exceeding <br> Expectations <br> Level 5 | 2Level 4 <br> Met or <br> Exceeded |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Grade | District | State | District | State | District | State | District | State | District | State | District | State |
| Alg.I | $3.8 \%$ | $17.8 \%$ | $16 \%$ | $22.7 \%$ | $29.2 \%$ | $24.7 \%$ | $40.6 \%$ | $31.9 \%$ | $10.4 \%$ | $2.9 \%$ | $50.9 \%$ | $34.8 \%$ |
| Alg.2 | $0 \%$ | $14.3 \%$ | $10.7 \%$ | $14.3 \%$ | $32.1 \%$ | $18.1 \%$ | $53.6 \%$ | $45.4 \%$ | $3.6 \%$ | $7.8 \%$ | $57.1 \%$ | $53.3 \%$ |
| Geo | $13.5 \%$ | $3.6 \%$ | $36 \%$ | $18.9 \%$ | $30.3 \%$ | $30.1 \%$ | $20.2 \%$ | $37.8 \%$ | $0 \%$ | $6.2 \%$ | $20.2 \%$ | $44 \%$ |

## Math Subgroup Data- Grade 3

|  |  | Not Yet Meeting Expectations Level 1 | Partially Meeting Expectations Level 2 | Approaching Expectations Level 3 | Meeting Expectations Level 4 | Exceeding Expectations Level 5 | $\geq$ Level 4 <br> Met or Exceeded Expectations |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Gender | Female | 3.3\% | 8.3\% | 33.3\% | 35\% | 20\% | 55\% |
|  | Male | 1.3\% | 4\% | 21.3\% | 45.3\% | 28\% | 73.3\% |
| Ethnicity/Race | Hispanic/ Latino | 0\% | 16.7\% | 37.5\% | 33.3\% | 12.5\% | 45.8\% |
|  | Asian | 0\% | 0\% | 9.1\% | 36.4\% | 54.5\% | 90.9\% |
|  | White | 2.2\% | 4.3\% | 24.7\% | 44.1\% | 24.7\% | 68.8\% |
| Students with Disabilities | IEP- Yes | 12.5\% | 25\% | 41.7\% | 12.5\% | 8.3\% | 20.8\% |
|  | IEP- No | 0\% | 1.8\% | 23.4\% | 46.8\% | 27.9\% | 74.8\% |

## Math Subgroup Data- Grade 4

|  |  | Not Yet Meeting Expectations Level 1 | Partially Meeting Expectations Level 2 | Approaching Expectations Level 3 | Meeting Expectations Level 4 | Exceeding Expectations Level 5 | $\geq$ Level 4 <br> Met or Exceeded Expectations |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Gender | Female | 3.9\% | 3.9\% | 13.7\% | 66.7\% | 11.8\% | 78.4\% |
|  | Male | 1.4\% | 14.5\% | 11.6\% | 56.5\% | 15.9\% | 72.5\% |
| Ethnicity/Race | Hispanic/ Latino | 11.1\% | 22.2\% | 11.1\% | 50\% | 5.6\% | 55.6\% |
|  | White | 0\% | 9\% | 12.4\% | 64\% | 14.6\% | 78.7\% |
| Students with Disabilities | IEP- Yes | 9.5\% | 47.6\% | 28.6\% | 9.5\% | 4.8\% | 14.3\% |
|  | IEP-No | 1\% | 2\% | 9.1\% | 71.7\% | 16.2\% | 87.9\% |

## Math Subgroup Data- Grade 5

|  |  | Not Yet Meeting Expectations Level 1 | Partially Meeting Expectations Level 2 | Approaching Expectations Level 3 | Meeting Expectations Level 4 | Exceeding Expectations Level 5 | $\geq$ Level 4 <br> Met or Exceeded Expectations |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Gender | Female | 3.4\% | 8.6\% | 34.5\% | 46.6\% | 6.9\% | 53.4\% |
|  | Male | 1.5\% | 3.1\% | 23.1\% | 56.9\% | 15.4\% | 72.3\% |
| Ethnicity/Race | Hispanic/ Latino | 8.3\% | 16.7\% | 33.3\% | 41.7\% | 0\% | 41.7\% |
|  | White | 1.2\% | 3.6\% | 31\% | 51.2\% | 13.1\% | 64.3\% |
| Students with Disabilities | IEP-Yes | 9.5\% | 19\% | 38.1\% | 28.6\% | 4.8\% | 33.3\% |
|  | IEP- No | 1\% | 2.9\% | 26.5\% | 56.9\% | 12.7\% | 69.6\% |

## Math Subgroup Data- Grade 6

|  |  | Not Yet Meeting Expectations Level 1 | Partially Meeting Expectations Level 2 | Approaching Expectations Level 3 | Meeting Expectations Level 4 | Exceeding Expectations Level 5 | $\geq$ Level 4 <br> Met or Exceeded Expectations |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Gender | Female | 8.2\% | 18\% | 36.1\% | 31.1\% | 6.6\% | 37.7\% |
|  | Male | 4.6\% | 13.8\% | 35.4\% | 40\% | 6.2\% | 46.2\% |
| Ethnicity/Race | Hispanic/ Latino | 23.8\% | 33.3\% | 38.1\% | 0\% | 4.8\% | 4.8\% |
|  | White | 3.4\% | 13.6\% | 37.5\% | 40.9\% | 45\% | 45.5\% |
| Students with Disabilities | IEP- Yes | 21.1\% | 42.1\% | 31.6\% | 5.3\% | 0\% | 5.3\% |
|  | IEP- No | 3.7\% | 11.2\% | 36.4\% | 41.1\% | 7.5\% | 48.6\% |

## Math Subgroup Data- Grade 7

|  |  | Not Yet Meeting <br> Expectations <br> Level 1 | Partially <br> Meeting <br> Expectations <br> Level 2 | Approaching <br> Expectations <br> Level 3 | Meeting <br> Expectations <br> Level 4 | Exceeding <br> Expectations <br> Level 5 | $\geq$ Level 4 <br> Met or <br> Exceeded <br> Expectations |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Gender | Female | $3.3 \%$ | $6.7 \%$ | $43.3 \%$ | $40 \%$ | $6.7 \%$ | $46.7 \%$ |
|  | Male | $3.3 \%$ | $11.7 \%$ | $13.3 \%$ | $56.7 \%$ | $15 \%$ | $71.7 \%$ |
| Ethnicity/Race | Hispanic/ <br> Latino | $4.8 \%$ | $4.8 \%$ | $42.9 \%$ | $42.9 \%$ | $4.8 \%$ | $47.6 \%$ |
|  | White | $2.3 \%$ | $11.4 \%$ | $27.3 \%$ | $47.7 \%$ | $11.4 \%$ | $59.1 \%$ |
| Students with | IEP- Yes | $15 \%$ | $45 \%$ | $20 \%$ | $20 \%$ | $0 \%$ | $20 \%$ |
| Disabilities |  | $1 \%$ | $2 \%$ | $30 \%$ | $54 \%$ | $13 \%$ |  |

## Math Subgroup Data- Grade 8

|  |  | Not Yet Meeting <br> Expectations <br> Level 1 | Partially <br> Meeting <br> Expectations <br> Level 2 | Approaching <br> Expectations <br> Level 3 | Meeting <br> Expectations <br> Level 4 | Exceeding <br> Expectations <br> Level 5 | $\geq$ Level 4 <br> Met or <br> Exceeded <br> Expectations |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Gender | Female | $10.6 \%$ | $14.9 \%$ | $27.7 \%$ | $44.7 \%$ | $2.1 \%$ | $46.8 \%$ |
|  | Male | $21.1 \%$ | $21.1 \%$ | $14 \%$ | $35.1 \%$ | $8.8 \%$ | $43.9 \%$ |
| Ethnicity/Race | Hispanic/ <br> Latino | $33.3 \%$ | $28.6 \%$ | $14.3 \%$ | $23.8 \%$ | $0 \%$ | $23.8 \%$ |
|  | White | $12.2 \%$ | $13.5 \%$ | $23 \%$ | $43.2 \%$ | $8.1 \%$ | $51.4 \%$ |
| Students with | IEP- Yes | $48.1 \%$ | $33.3 \%$ | $7.4 \%$ | $11.1 \%$ | $0 \%$ | $11.1 \%$ |
| Disabilities |  |  |  |  |  |  |  |
|  | IEP- No | $5.2 \%$ | $13 \%$ | $24.7 \%$ | $49.4 \%$ | $7.8 \%$ | $57.1 \%$ |

## Math Subgroup Data- Algebra I

|  |  | Not Yet Meeting Expectations Level 1 | Partially Meeting Expectations Level 2 | Approaching Expectations Level 3 | Meeting Expectations Level 4 | Exceeding Expectations Level 5 | $\geq$ Level 4 <br> Met or Exceeded Expectations |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Gender | Female | 6.7\% | 11.7\% | 30\% | 38.3\% | 13.3\% | 51.7\% |
|  | Male | 0\% | 21.7\% | 28.3\% | 43.5\% | 6.5\% | 50\% |
| Ethnicity/Race | Hispanic/ Latino | 13\% | 26.1\% | 26.1\% | 30.4\% | 4.3\% | 34.8\% |
|  | Asian | 0\% | 7.7\% | 7.7\% | 53.8\% | 30.8\% | 84.6\% |
|  | White | 1.5\% | 13.8\% | 35.4\% | 40\% | 9.2\% | 49.2\% |
| Students with Disabilities | IEP- Yes | 16.7\% | 50\% | 25\% | 8.3\% | 0\% | 8.3\% |
|  | IEP- No | 2.1\% | 11.7\% | 29.8\% | 44.7\% | 11.7\% | 56.4\% |

## Math Subgroup Data- Geometry

|  |  | Not Yet Meeting <br> Expectations <br> Level 1 | Partially <br> Meeting <br> Expectations <br> Level 2 | Approaching <br> Expectations <br> Level 3 | Meeting <br> Expectations <br> Level 4 | Exceeding <br> Expectations <br> Level 5 | $\geq$ Level 4 <br> Met or <br> Exceeded <br> Expectations |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Gender | Female | $14.6 \%$ | $22 \%$ | $36.6 \%$ | $26.8 \%$ | $0 \%$ | $26.8 \%$ |
|  | Male | $12.5 \%$ | $47.9 \%$ | $25 \%$ | $14.6 \%$ | $0 \%$ | $14.6 \%$ |
| Ethnicity/Race | Hispanic/ <br> Latino | $25 \%$ | $45 \%$ | $15 \%$ | $15 \%$ | $0 \%$ | $15 \%$ |
|  | White | $9.4 \%$ | $32.8 \%$ | $37.5 \%$ | $20.3 \%$ | $0 \%$ | $20.3 \%$ |
| Students with | IEP- Yes | $20 \%$ | $70 \%$ | $10 \%$ | $0 \%$ | $0 \%$ | $0 \%$ |
| Disabilities |  | $11.6 \%$ | $26.1 \%$ | $36.2 \%$ | $26.1 \%$ | $0 \%$ |  |
|  | IEP- No |  |  |  |  |  |  |

## Math Subgroup Data- Algebra II

|  | Not Yet Meeting <br> Expectations <br> Level 1 | Partially <br> Meeting <br> Expectations <br> Level 2 | Approaching <br> Expectations <br> Level 3 | Meeting <br> Expectations <br> Level 4 | Exceeding <br> Expectations <br> Level 5 | $\geq$ Level 4 <br> Met or <br> Exceeded <br> Expectations |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Gender | Female | $0 \%$ | $11.8 \%$ | $29.4 \%$ | $58.8 \%$ | $0 \%$ | $58.8 \%$ |
|  | Male | $0 \%$ | $9.1 \%$ | $36.4 \%$ | $45.5 \%$ | $9.1 \%$ | $54.5 \%$ |

## Geometry- Additional Analysis

## Where are students excelling?

G.GPE.1-2- Derive the equation of a circle of given center and radius using the Pythagorean Theorem; complete the square to find the center and radius of a circle given by an equation. Derive the equation of a parabola given a focus and directrix.
G.C.2- Identify and describe relationships among inscribed angles, radii, and chords. Include the relationship between central, inscribed, and circumscribed angles; inscribed angles on a diameter are right angles; the radius of a circle is perpendicular to the tangent where the radius intersects the circle.
G.GMD.4- Identify the shapes of two-dimensional cross-sections of three-dimensional objects, and identify three-dimensional objects generated by rotations of two-dimensional objects.
G.CO.6- Use geometric descriptions of rigid motions to transform figures and to predict the effect of a given rigid motion on a given figure; given two figures, use the definition of congruence in terms of rigid motions to decide if they are congruent.
G.CO.5- Given a geometric figure and a rotation, reflection, or translation, draw the transformed figure using, e.g., graph paper, tracing paper, or geometry software. Specify a sequence of transformations that will carry a given figure onto another.

## Geometry- Additional Analysis

## Where are students struggling?

G.SRT.7-2- Given two figures, use the definition of similarity in terms of similarity transformations to decide if they are similar; explain using similarity transformations the meaning of similarity for triangles as the equality of all corresponding pairs of angles and the proportionality of all corresponding pairs of sides., Explain and use the relationship between the sine and cosine of complementary angles
G.SRT.8- Use trigonometric ratios and the Pythagorean Theorem to solve right triangles in applied problems.
G.SRT.6- Understand that by similarity, side ratios in right triangles are properties of the angles in the triangle, leading to definitions of trigonometric ratios for acute angles.
G.GPE.6- Find the point on a directed line segment between two given points that partitions the segment in a given ratio.
G.SRT.1b- The dilation of a line segment is longer or shorter in the ratio given by the scale factor.

## NJSLA-Math Findings and Interpretation

- Scores above state average in all math courses except Geometry
- Implementing new math resources in K-5 with additional training
- Supervisor of 6-12 has reviewed math scores with all teachers to identify areas of focus, differentiating for students with specific gaps
- Evaluated Geometry scores to determine which areas need specific focus
- Mapped out test prep for HS math students that won't reduce instructional time
- Additional training for staff on meeting the needs of students with IEPs

NJSLA ResultsScience

■ Level 1: Below Proficient

■ Level 2: Near Proficiency

■ Level 3: Proficient

■ Level 4: Advanced Proficiency

## NJSLA-S Performance Indicators

## Science Results 5, 8, 11

|  | Below <br> Proficiency <br> Level 1 |  | Near <br> Proficiency <br> Level 2 |  | Proficient <br> Level 3 |  | Advanced <br> Proficiency <br> Level 4 |  | —Level 3 |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Grade | District | State | District | State | District | State | District | State | District | State |
| 5 | $22 \%$ | $41.6 \%$ | $39 \%$ | $32.9 \%$ | $30.9 \%$ | $18.2 \%$ | $7.3 \%$ | $7.4 \%$ | $38.2 \%$ | $25.5 \%$ |
| 8 | $27 \%$ | $40.9 \%$ | $45.1 \%$ | $43.5 \%$ | $25.4 \%$ | $12 \%$ | $2.5 \%$ | $3.6 \%$ | $27.9 \%$ | $15.6 \%$ |
| 11 | $42.1 \%$ | $46.2 \%$ | $24.3 \%$ | $24.8 \%$ | $24.3 \%$ | $20.5 \%$ | $9.3 \%$ | $8.4 \%$ | $33.6 \%$ | $29 \%$ |

## Science Subgroup Data- 5

|  |  | Below <br> Proficiency <br> Level 1 | Near <br> Proficiency <br> Level 2 | Proficient <br> Level 3 | Advanced <br> Proficiency <br> Level 4 | $\geq$ Level 3 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Gender | Female | $29.3 \%$ | $41.4 \%$ | $25.9 \%$ | $3.4 \%$ | $29.3 \%$ |
|  | Male | $15.4 \%$ | $38.5 \%$ | $35.4 \%$ | $10.8 \%$ | $46.2 \%$ |
| Ethnicity/Race | Hispanic/ <br> Latino | $50 \%$ | $33.3 \%$ | $8.3 \%$ | $8.3 \%$ | $16.7 \%$ |
|  | White | $17.9 \%$ | $41.7 \%$ | $32.1 \%$ | $8.3 \%$ | $40.5 \%$ |
| Students with | IEP- Yes | $45.5 \%$ | $36.4 \%$ | $13.6 \%$ | $4.5 \%$ | $18.2 \%$ |

## Science Subgroup Data- 8

|  |  | Below <br> Proficiency <br> Level 1 | Near <br> Proficiency <br> Level 2 | Proficient <br> Level 3 | Advanced <br> Proficiency <br> Level 4 | $\geq$ Level 3 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Gender | Female | $20.7 \%$ | $50 \%$ | $27.6 \%$ | $1.7 \%$ | $29.3 \%$ |
|  | Male | $32.8 \%$ | $40.6 \%$ | $23.4 \%$ | $3.1 \%$ | $26.6 \%$ |
| Ethnicity/Race | Hispanic/ <br> Latino | $45.5 \%$ | $31.8 \%$ | $22.7 \%$ | $0 \%$ | $22.7 \%$ |
|  | White | $25.3 \%$ | $49.4 \%$ | $21.7 \%$ | $3.6 \%$ | $25.3 \%$ |
| Students with <br> Disabilities | IEP- Yes | $70.4 \%$ | $18.5 \%$ | $11.1 \%$ | $0 \%$ | $11.1 \%$ |
|  | 504 | $20 \%$ | $70 \%$ | $10 \%$ | $0 \%$ | $10 \%$ |

## Science Subgroup Data- 11

|  |  | Below <br> Proficiency <br> Level 1 | Near <br> Proficiency <br> Level 2 | Proficient <br> Level 3 | Advanced <br> Proficiency <br> Level 4 | $\geq$ Level 3 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Gender | Female | $30.8 \%$ | $26.9 \%$ | $26.9 \%$ | $15.4 \%$ | $42.3 \%$ |
|  | Male | $52.7 \%$ | $21.8 \%$ | $21.8 \%$ | $3.6 \%$ | $25.5 \%$ |
| Ethnicity/Race | Hispanic/ <br> Latino | $66.7 \%$ | $13.3 \%$ | $13.3 \%$ | $6.7 \%$ | $20 \%$ |
|  | White | $40 \%$ | $26.3 \%$ | $23.8 \%$ | $10 \%$ | $33.8 \%$ |
| Students with <br> Disabilities | IEP- Yes | $77.8 \%$ | $16.7 \%$ | $5.6 \%$ | $0 \%$ | $5.6 \%$ |
|  | 504 | $41.7 \%$ | $16.7 \%$ | $25 \%$ | $16.7 \%$ | $41.7 \%$ |

## NJSLA-Science Findings and Interpretation

- Scores are higher than state average and comparable to last year of data (2019)
- No consistent difference in gender
- Students with IEPs and Hispanic/Latino students are scoring lower than their peers
- Revised Science curriculums and are identifying how to best provide STEM instruction
- Reviewing whether additional resources for teachers are needed


## Waldwick School District

- Crescent Elementary School- National School of Character
- Traphagen Elementary School- Blue Ribbon School
- Waldwick Middle School- NJ State Schools of Character
- Waldwick High School- social media, The Echo, Warrior Broadcast Center, etc.
- Referendum
- Sports
- Music/Theater
- Clubs/Activities
- Waldwick Education Foundation
- PSO
- Summer Learning Academy, Summer ELL Program, After School MS Program

