

Academic Performance & Growth Review

Spring 2024 SBA + SAT Results

Tuesday, November 12, 2024



Middletown Public Schools
Cultivating the Brilliance in Each Student



Performance Data Overview

State Performance Data

- **Performance Index (grades 3-8, 11)**- converts assessments on different scales to a common 0-110 point scale; 75~proficiency
- **Growth Measure (grades 4-8)**- students assigned growth target in scale score points based on scale score from previous year's assessment; measure is the average % of that target achieved
- **SAT (grade 11)**- reported as scale score and as proficiency in relation to College & Career Readiness Benchmark (CCR)
 - Math CCR = 530
 - Evidence-Based Reading and Writing (EBRW) = 480

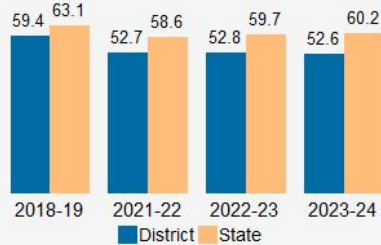
Note: CT reports data on **High Needs** subgroup, students who are identified as students with disabilities, English language learners, and/or eligible for free- or reduced-price lunch



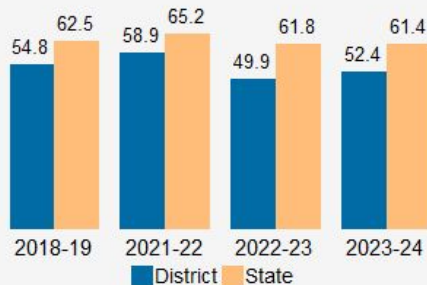
Mathematics

CT Report Card

District Performance Index (DPI), Math  
Target: 75



Smarter Balanced Growth, Math  
Target: 100



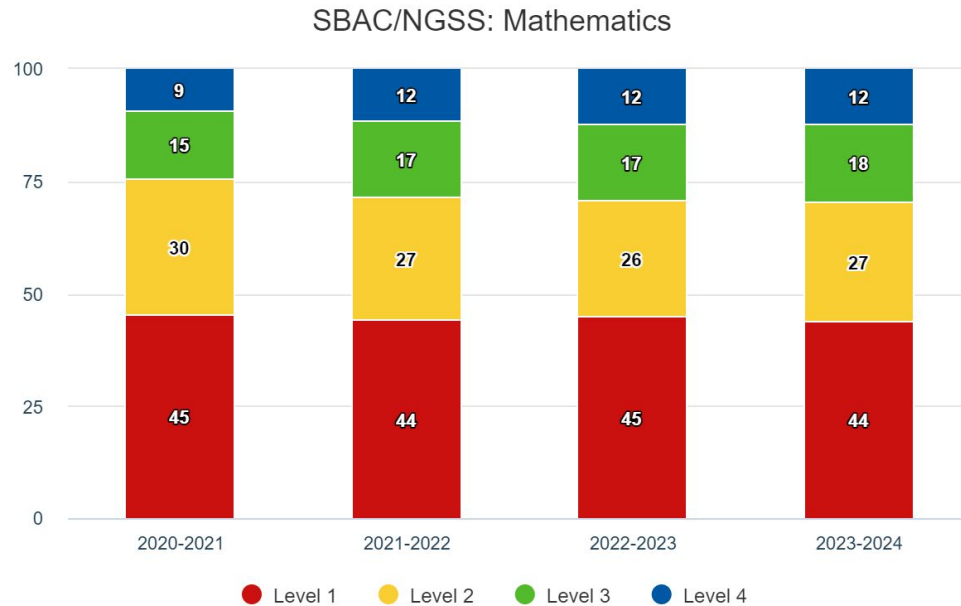
Headlines

- 4 out of 8 elementary schools:
High growth for High Needs students
 - Wesley: 9% increase from 22'-23' to 23'-24'
- 5th to 6th grade transition dip→
stabilized in 7th grade
- After 3 years of no growth in
proficiency, Black students
showed growth last year

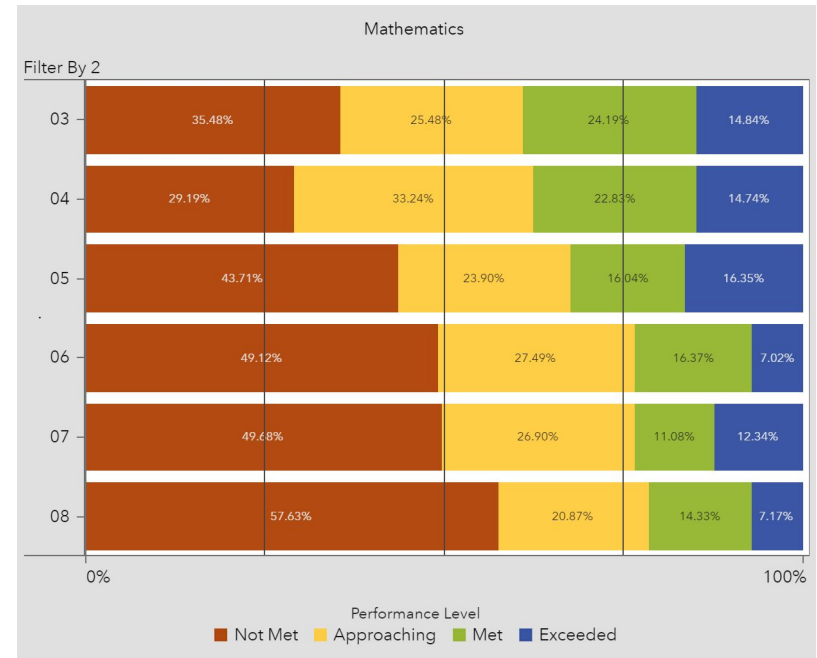


Mathematics

- SBA Mathematics

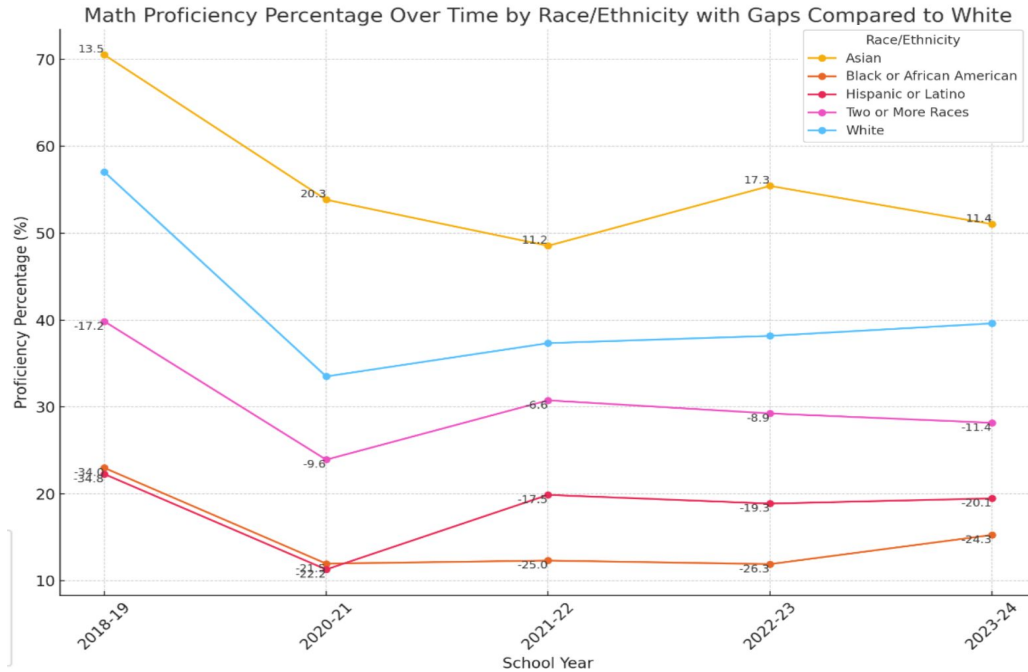
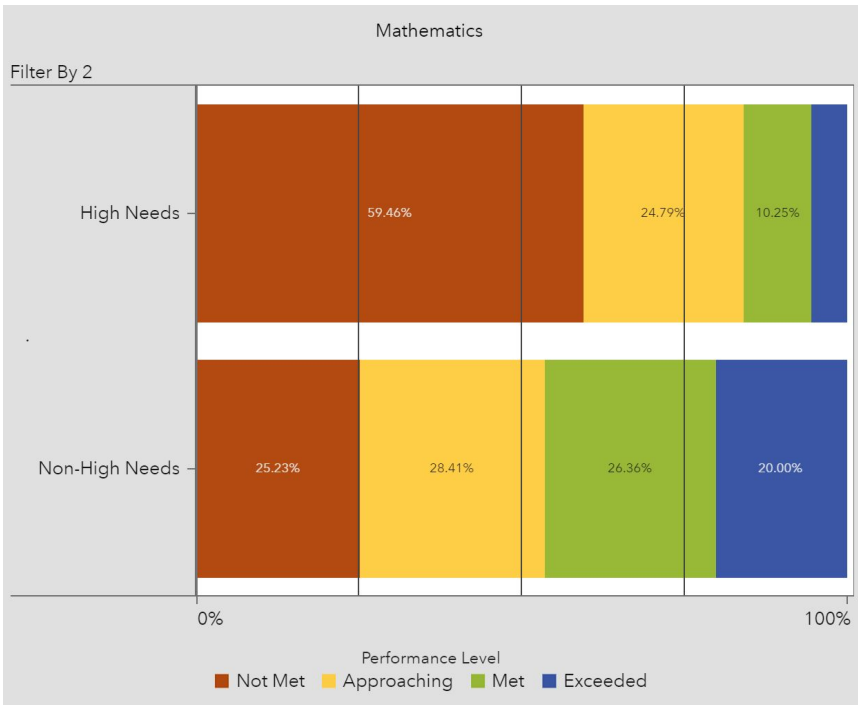


Proficiency Levels by Grade, 2024



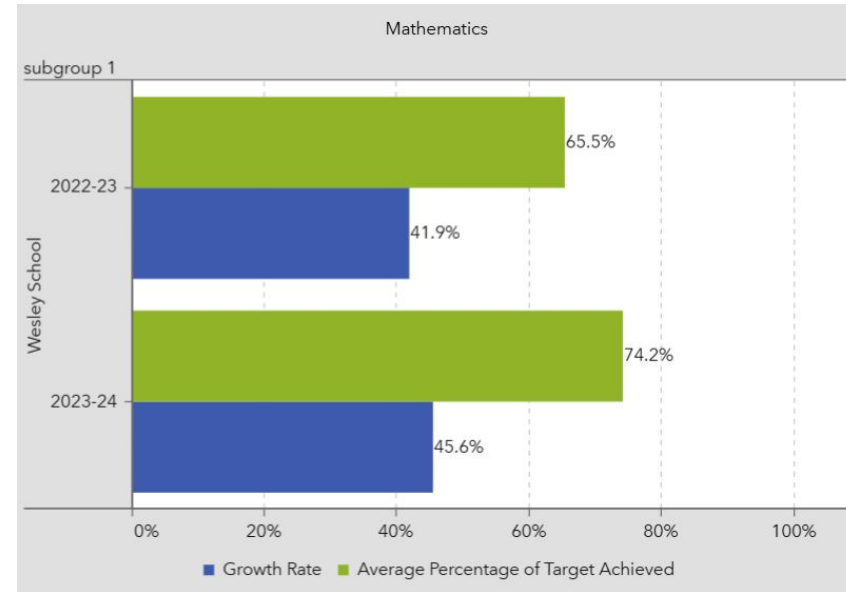
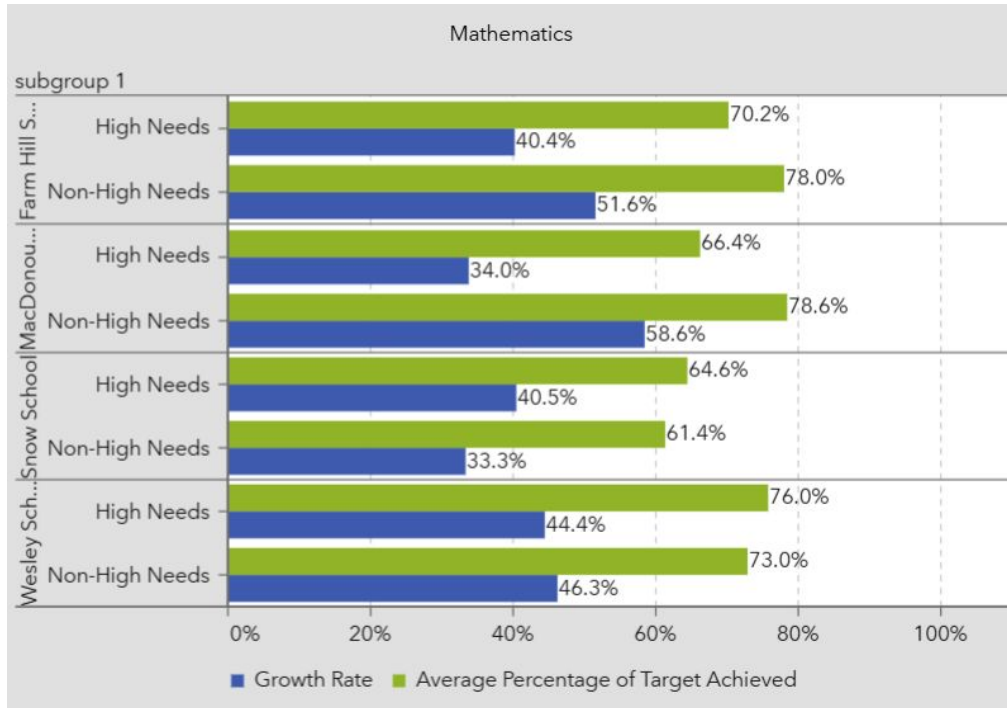
Mathematics

- SBA Mathematics (High Needs + Race/Ethnicity, Spring 2024)



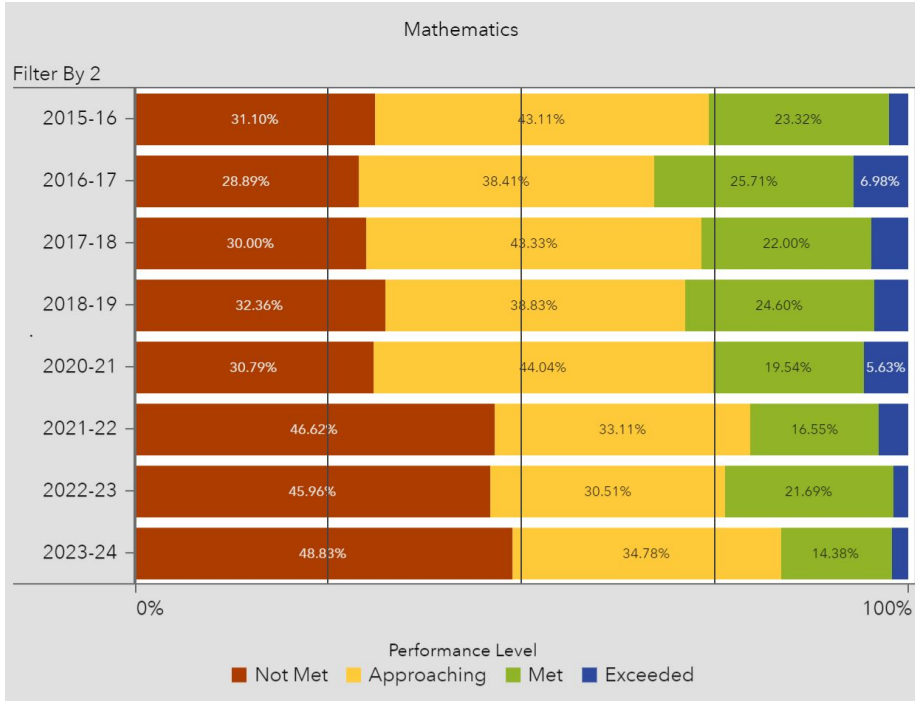
Mathematics

- SBA Growth

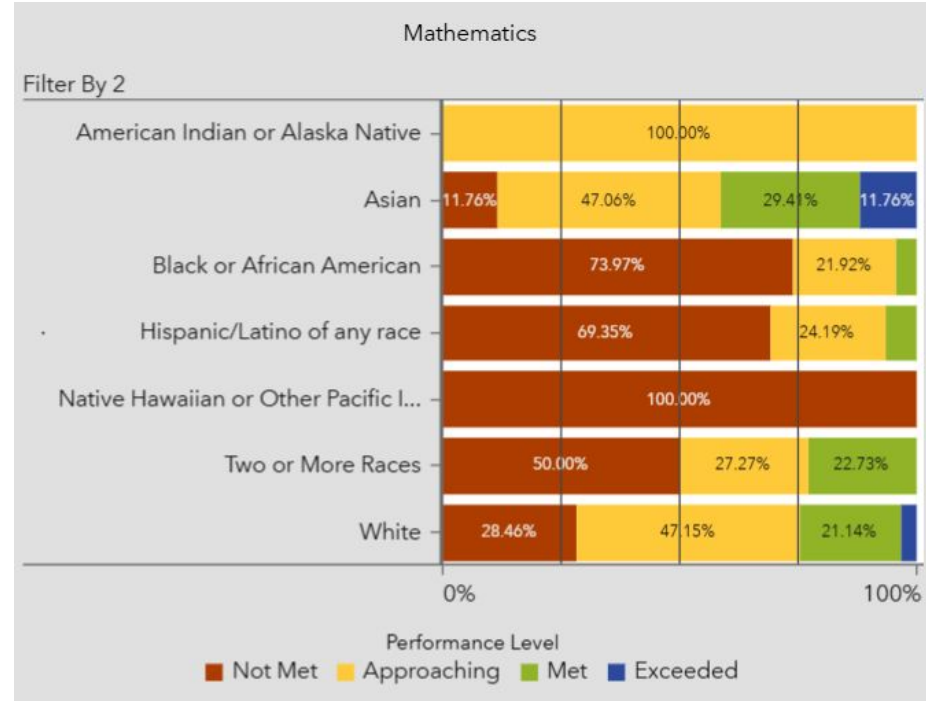


Mathematics

- SAT Mathematics

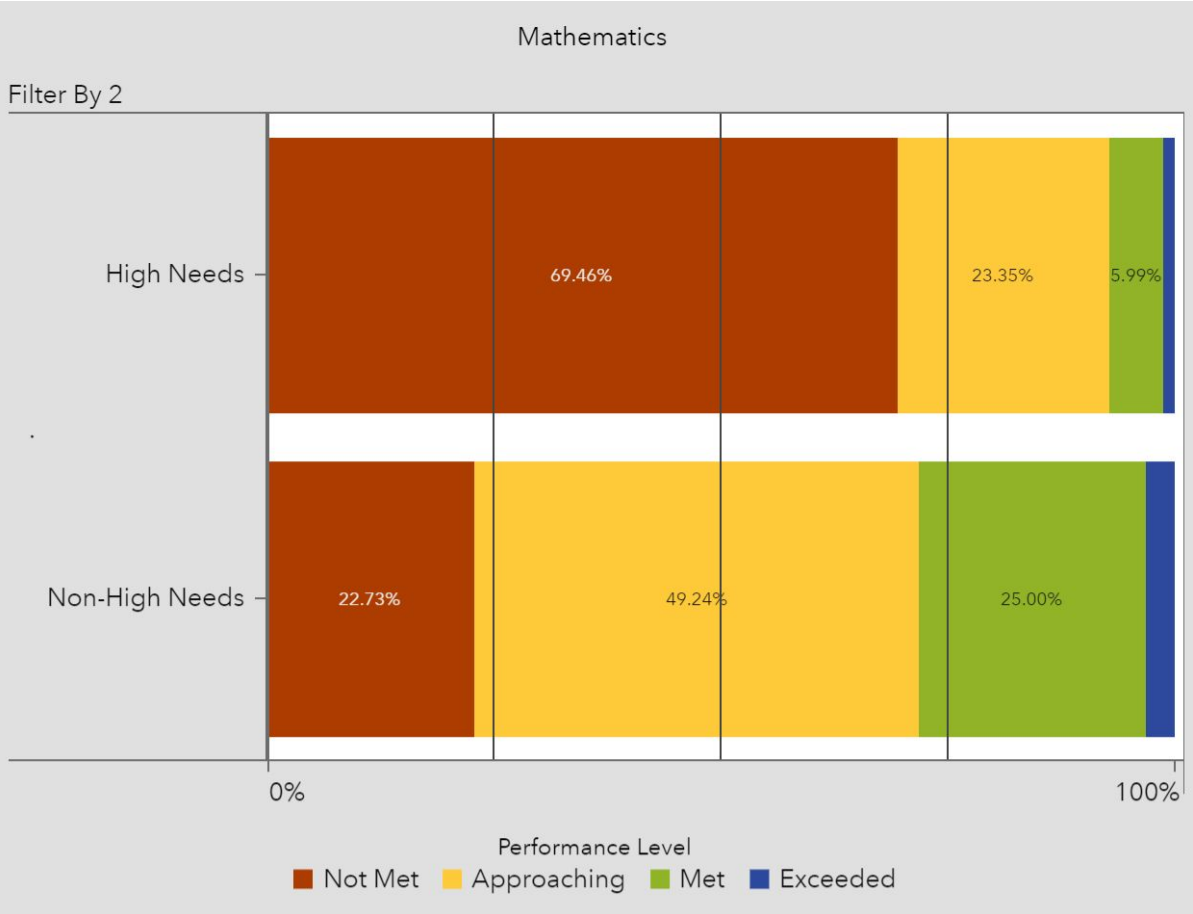


Proficiency Levels by Race/Ethnicity, 2024



Mathematics

- SAT Mathematics High Needs Spring 2024





Elementary Math Action Steps

- Implement a system of Instructional Vision Walkthroughs
- Focus on Math Vocabulary through the use of Word Walls
- Provide professional learning for equitable collaborative strategies: Vertical/Non-permanent surfaces & Randomized groupings
- Facilitate Family Math Nights
- Utilize Interim Assessment Blocks 6x/year for Smarter Balanced preparation



Secondary Math Action Steps

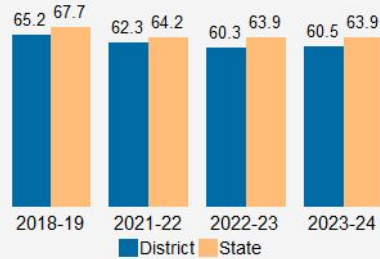
- Prioritize teacher guided professional learning and empower teachers to share resources
- Provide support on vertical alignment of curriculum and standards
- Facilitate Illustrative Math professional development on structure and strategies
- Conduct learning walkthroughs with leaders and coaches
- Implement and support Learning labs (observations) for teacher peer-to-peer learning
- Provide TI calculator professional support

English Language Arts

CT Report Card

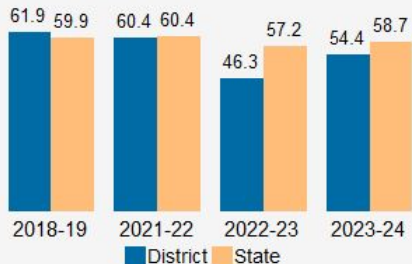
District Performance Index (DPI), ELA

Target: 75



Smarter Balanced Growth, ELA

Target: 100



Headlines

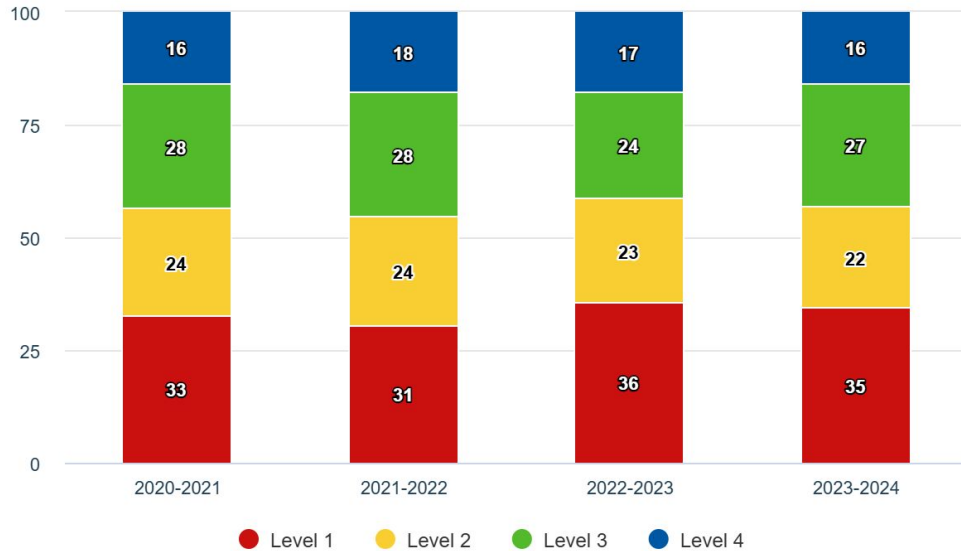
- Improvements in both performance index and growth measure
- High proficiency in grade 5 (current 6th grade class)
- Year to Year SAT increase of over students meeting benchmark over past three years
- 2024 G8 SBA increase of 10.1 percentage points of students at or above goal exceeded all other tested grades after drop in previous year.
- G7 most consistent even in year where other grades dropped.



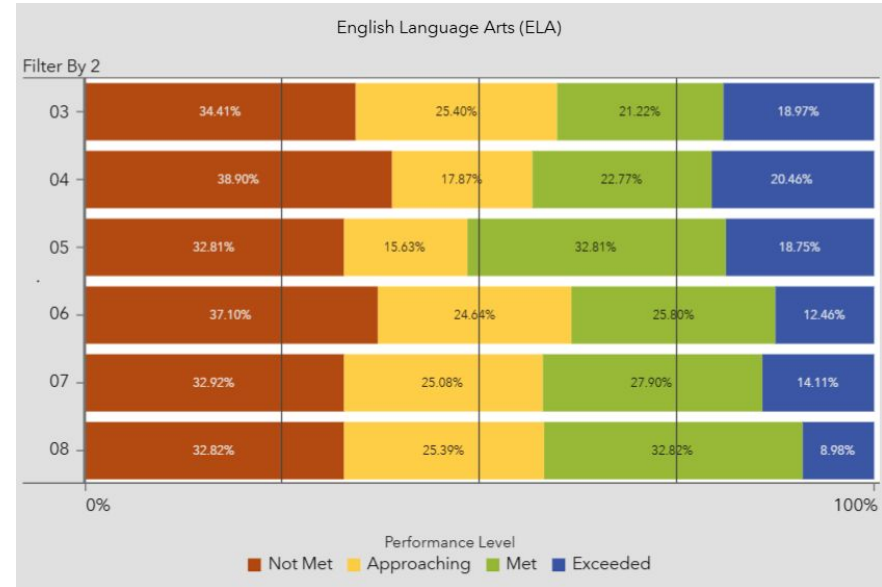
English Language Arts

- SBA Reading

SBAC/NGSS: ELA

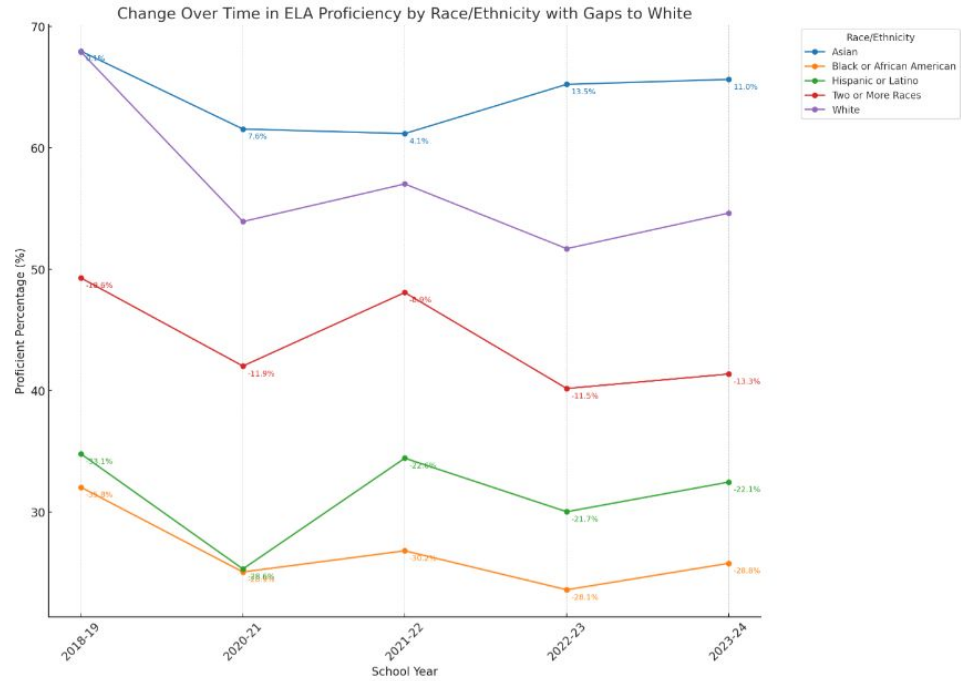
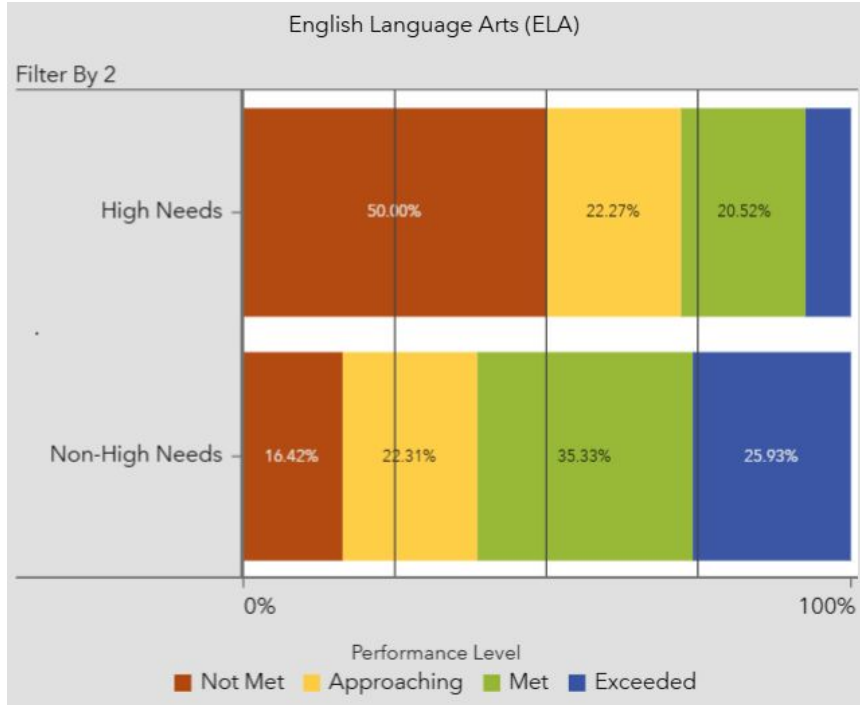


Proficiency Levels by Grade, 2024



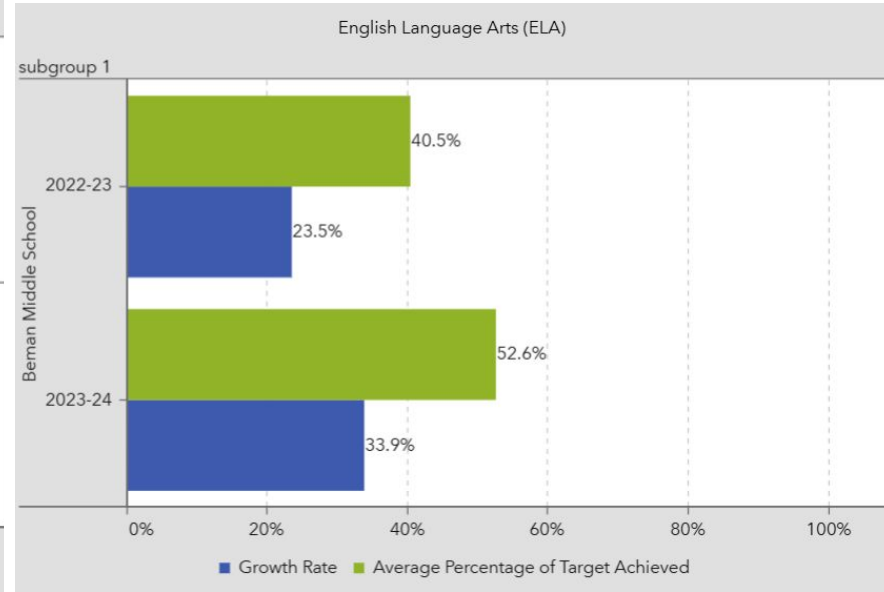
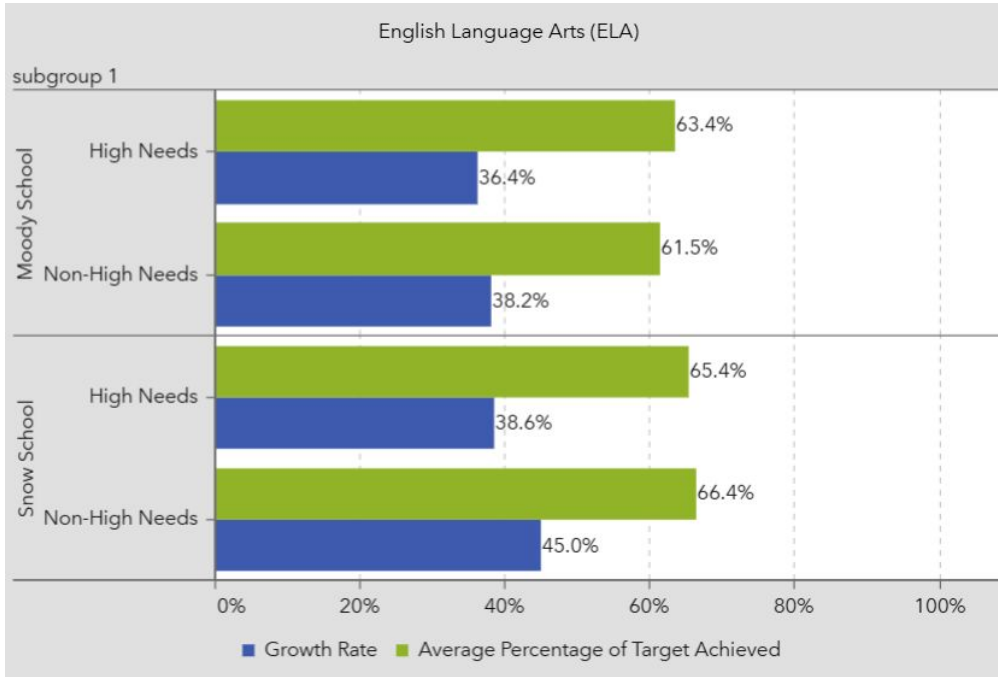
English Language Arts

- SBA Reading(High Needs + Race/Ethnicity, Spring 2024)



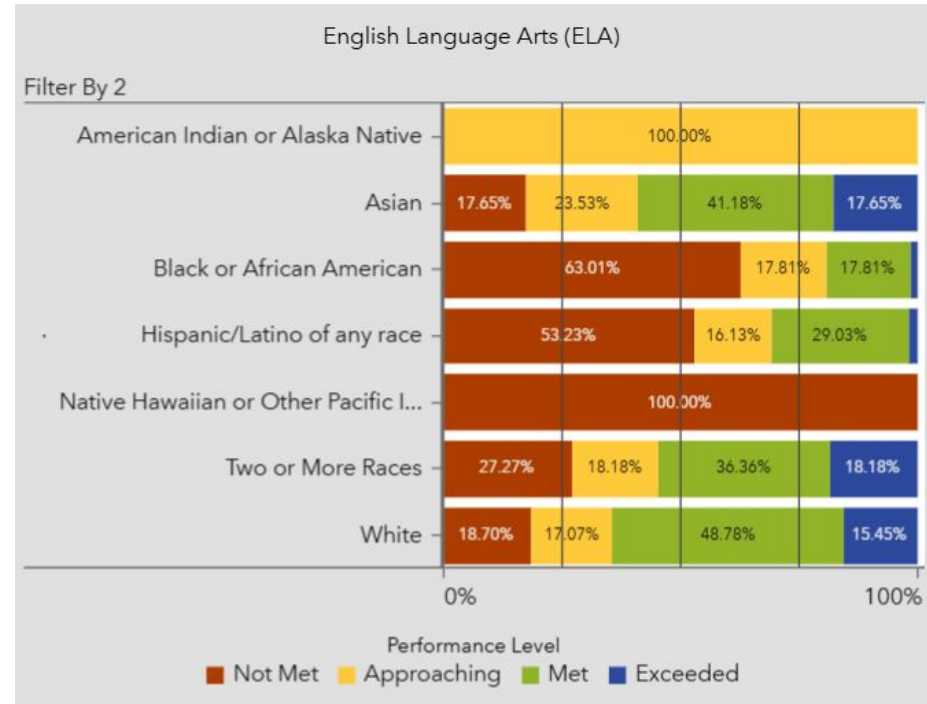
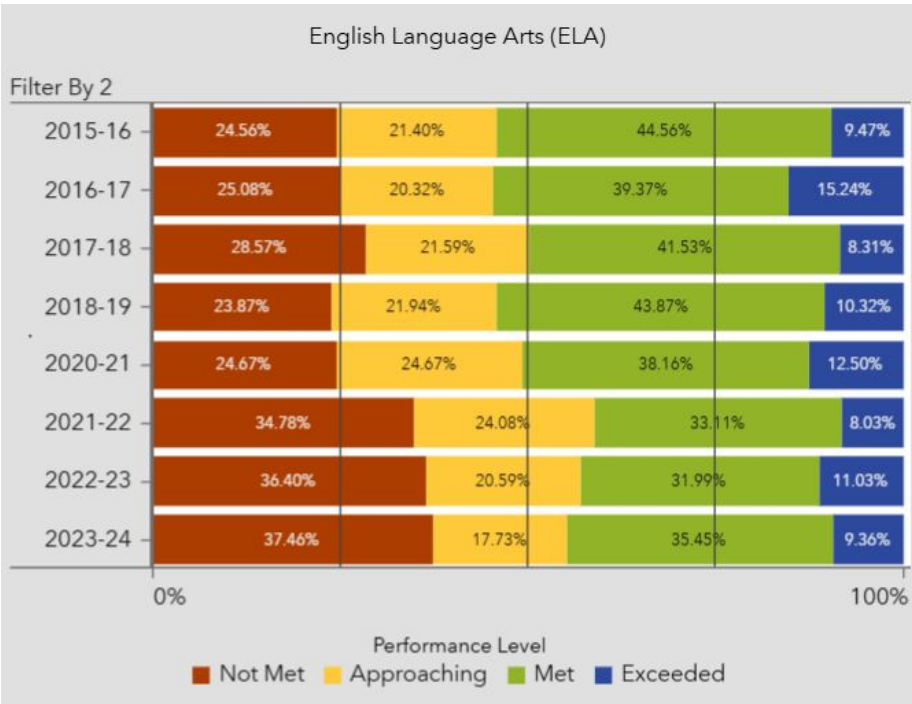
English Language Arts

- SBA Reading Growth



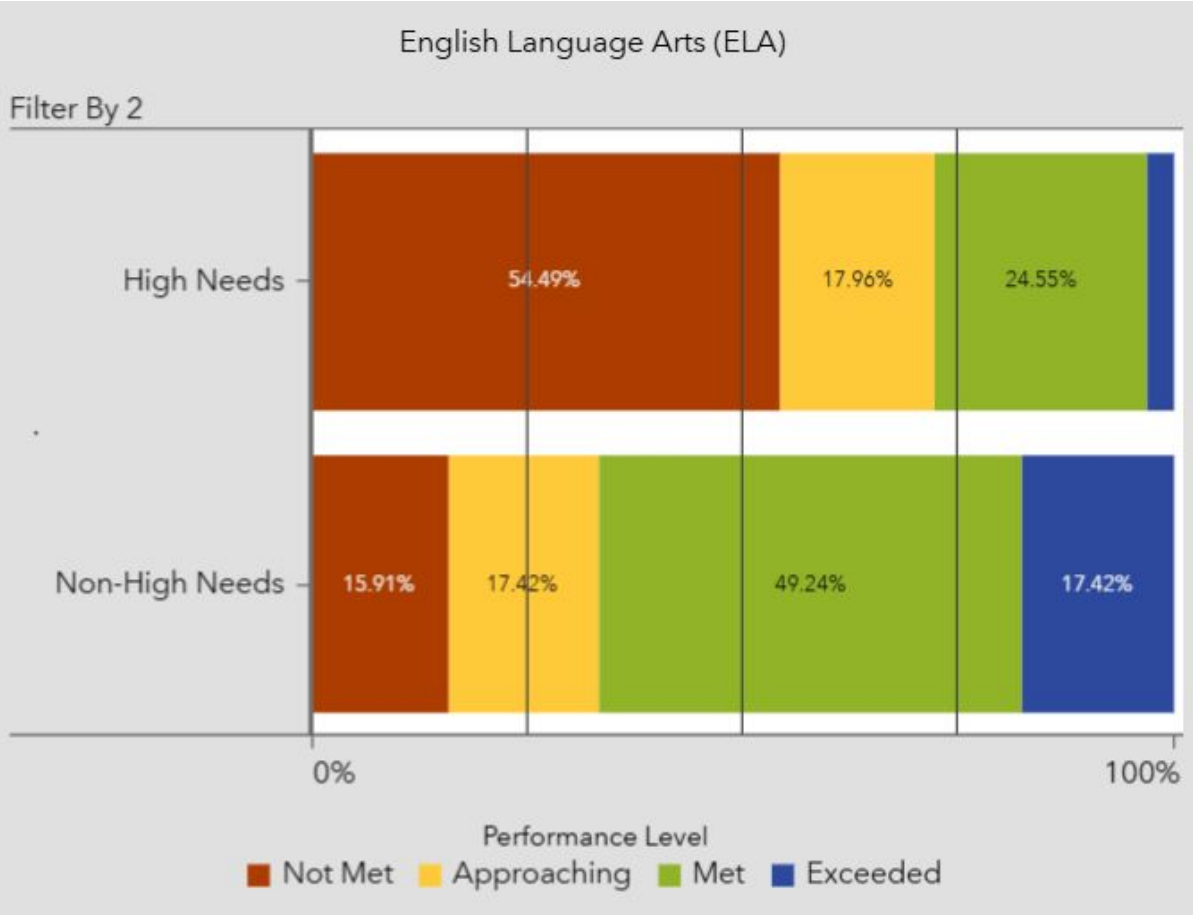
English Language Arts

- SAT Evidence-Based Reading and Writing (EBRW)



English Language Arts

- SAT EBRW High Needs Spring 2024





Elementary ELA Action Steps

- Roll out of HMH *Into Reading* core program
- Improve Tier 1 Instructional Practices through instructional coaching
- Focus Professional Learning on the Science of Reading for teachers and coaches
- Shift Tier II and Tier III practices from pull out to push in
- Provide classrooms with culturally responsive literary selections



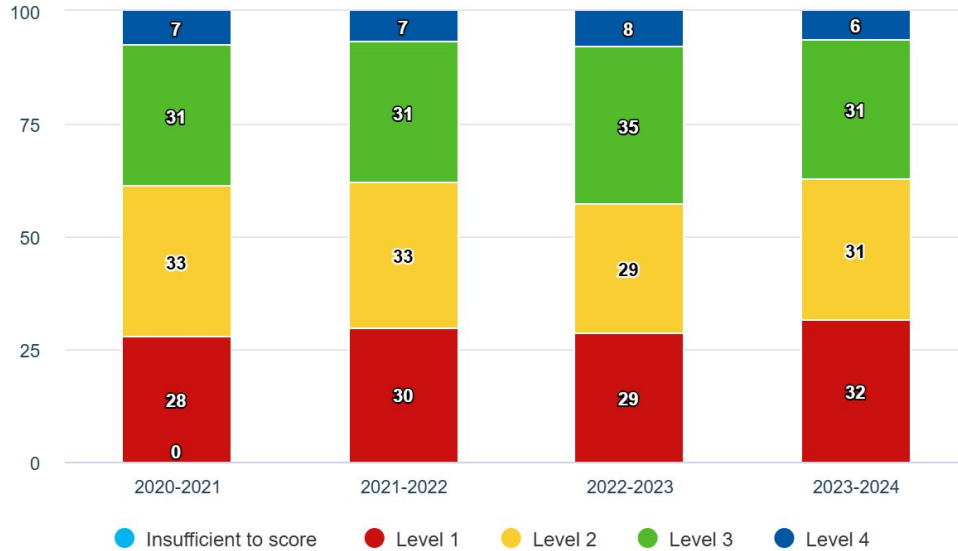
Secondary ELA Action Steps

- Identify SBAC Target areas of need and embed strategic practice for each grade level 6-8
- Utilize SBA Interim Assessment Blocks in ELA and Social Studies
- Launch Grade 6 *Into Literature* program pilot to support common practices
- Expand Intervention and Enrichment programs to encourage growth for all students
- Develop department-wide formative assessments of standards through each unit to encourage feedback and student skill development
- Embed PSAT/SAT weekly practice based on targeted areas

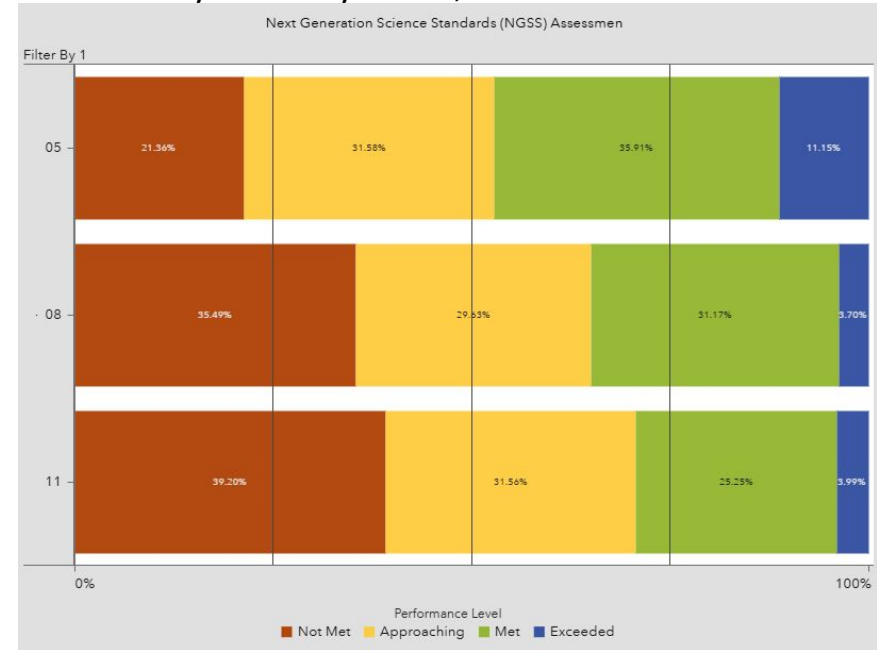
Science

- Next Generation Science Standards (NGSS)

SBAC/NGSS: Science

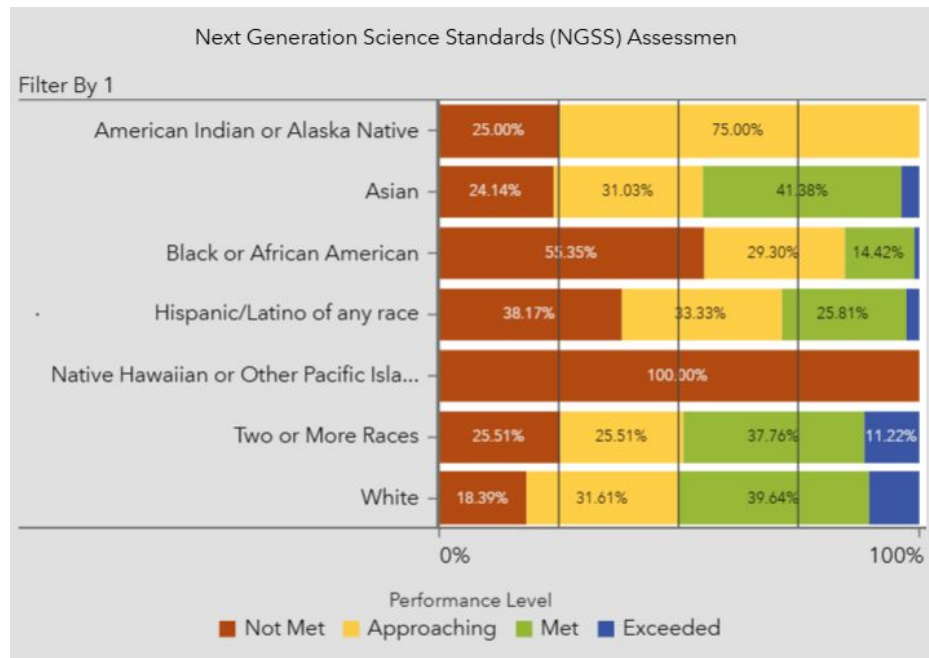
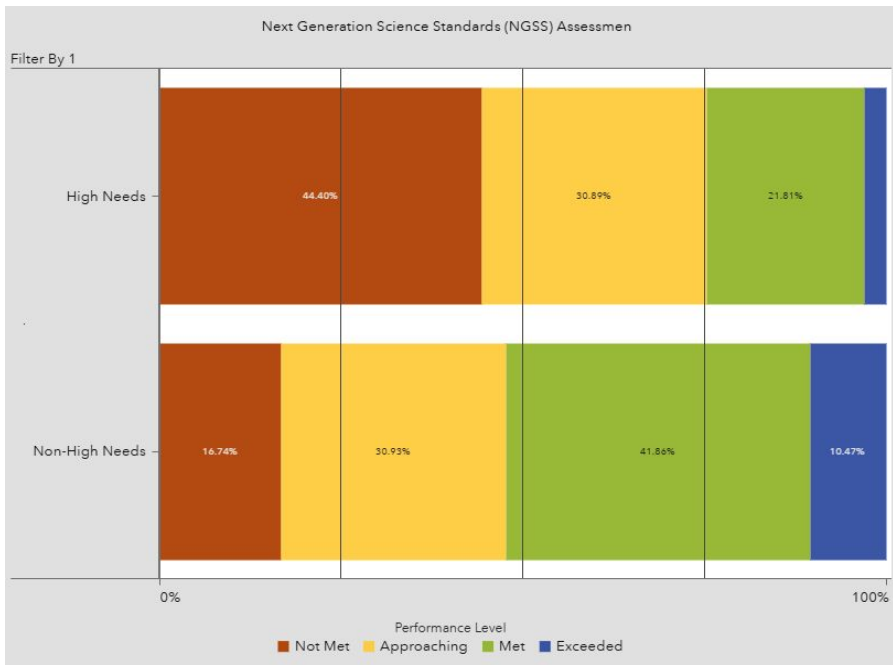


Proficiency Levels by Grade, 2024



Science

- NGSS (High Needs + Race/Ethnicity)





Science Action Steps

- Provided professional development/coaching sessions on use of NGSS Interim Assessment Blocks in science for grades 3-11 (1 per quarter/trimester or unit), and how to make instructional/curricular adjustments based on student achievement data.
- Continued implementation and adjustment of NGSS-aligned curriculum based on student performance data from district wide standards-aligned assessments.
- Incorporation of NGSS-aligned books in all elementary libraries.