



NYSED 2021-2022 Grades 3-8 ELA, Math, and Science Data

Dr. Waveline Bennett-Conroy

Superintendent of Schools

Dr. Jamal Doggett

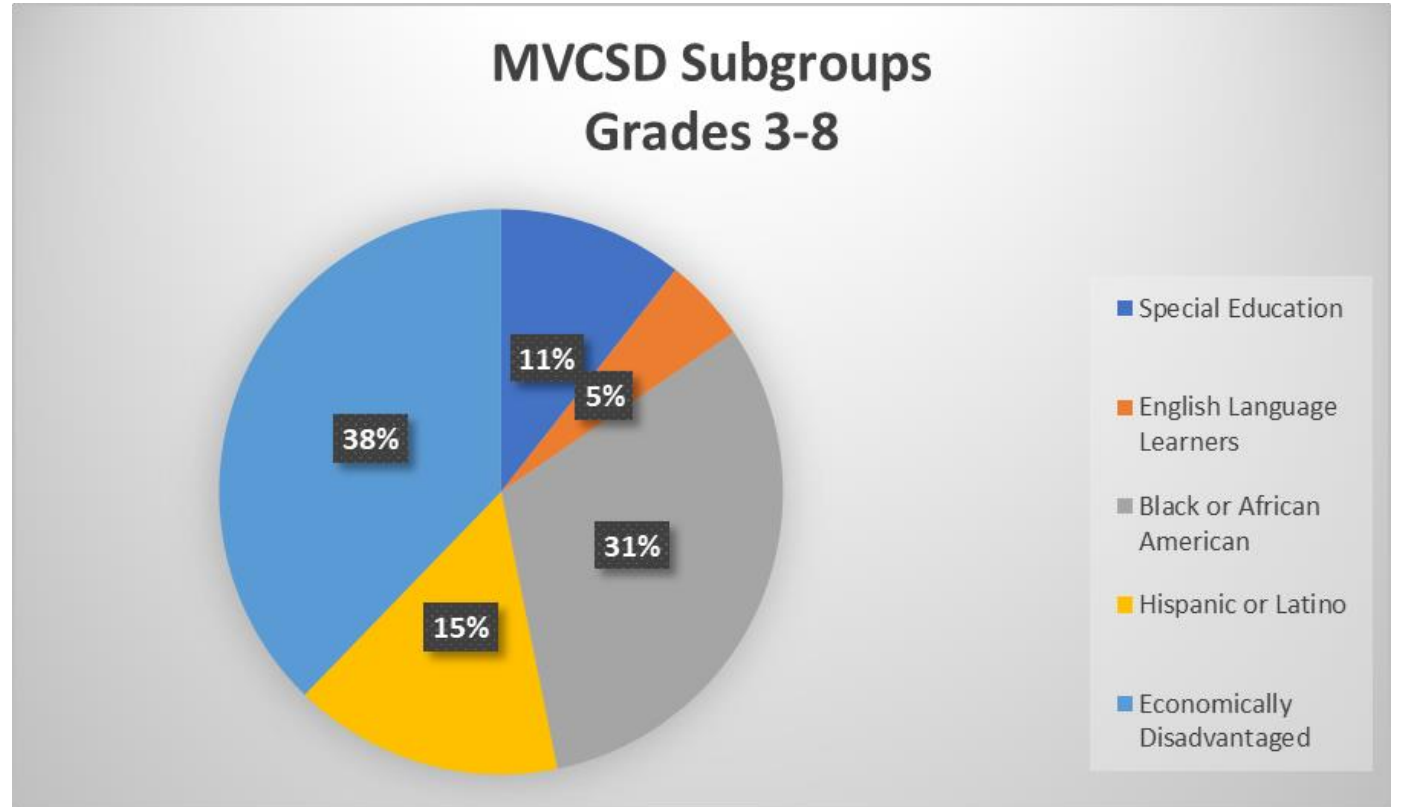
Assistant Superintendent for Curriculum and Instruction

Dr. Beverley Jones

Assistant Superintendent for Administration, Climate and Culture

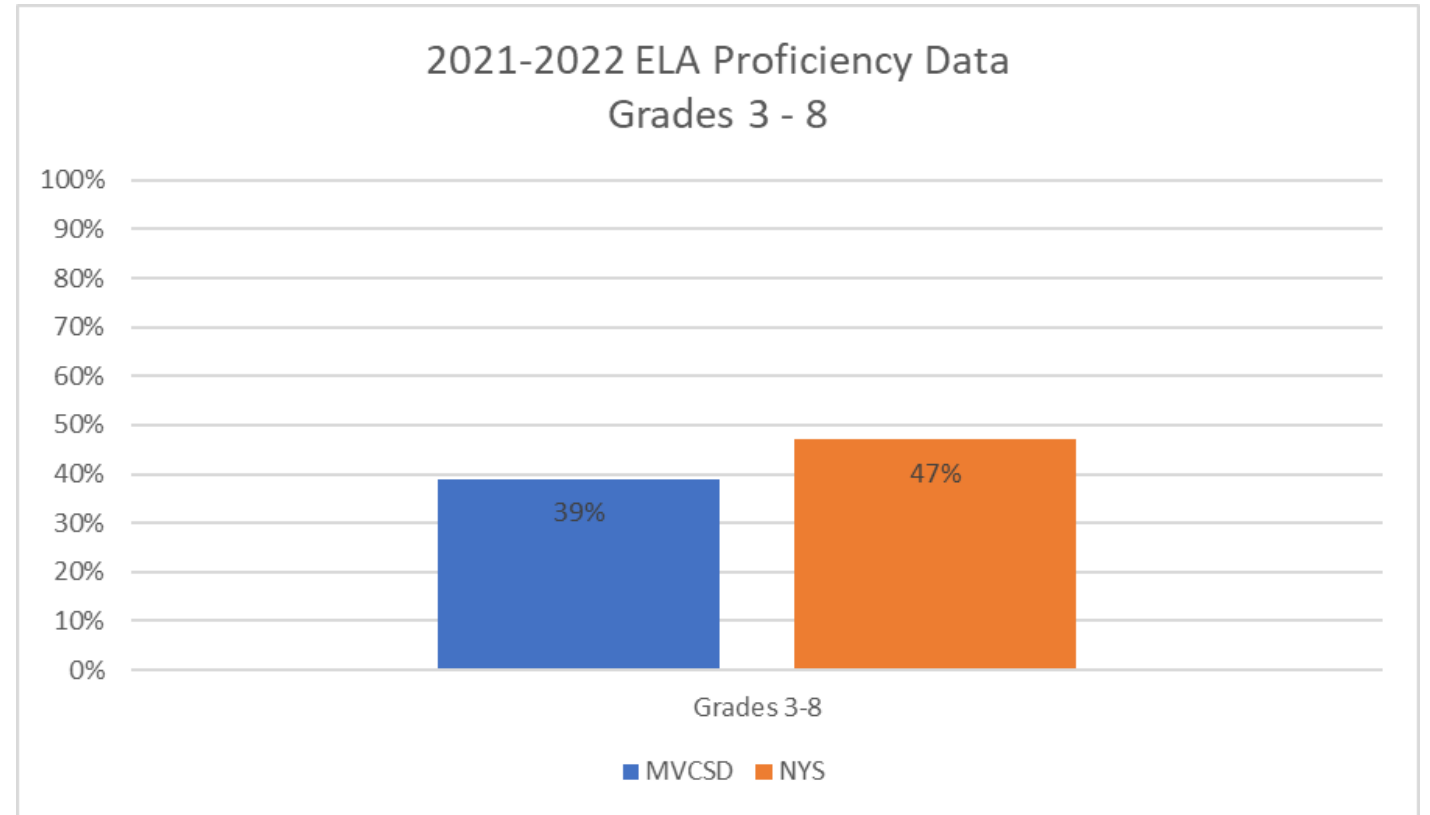
January 10, 2023 – Board Meeting

District Demographics: Grades 3-8

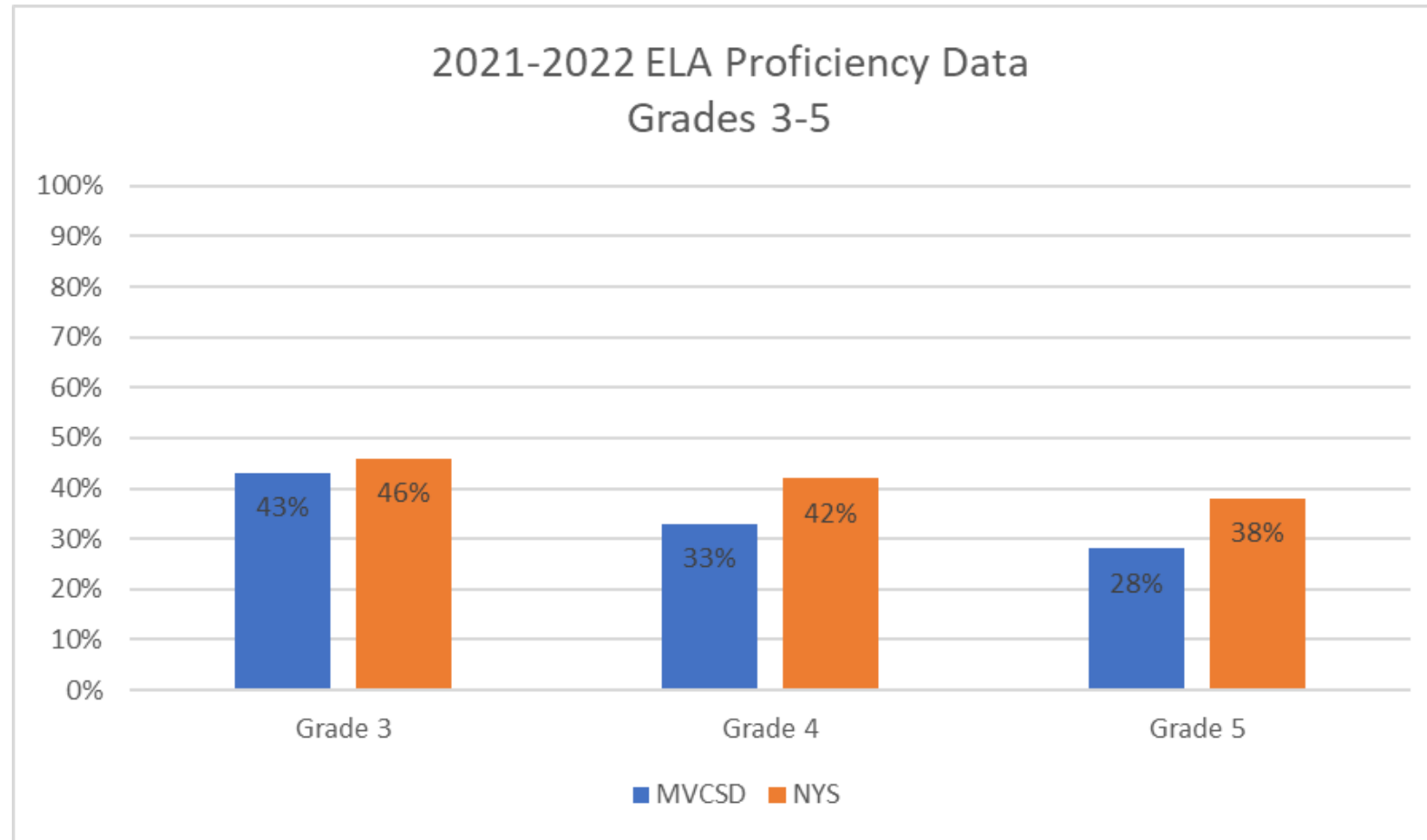


District Data: Summary of Grades 3-8 ELA

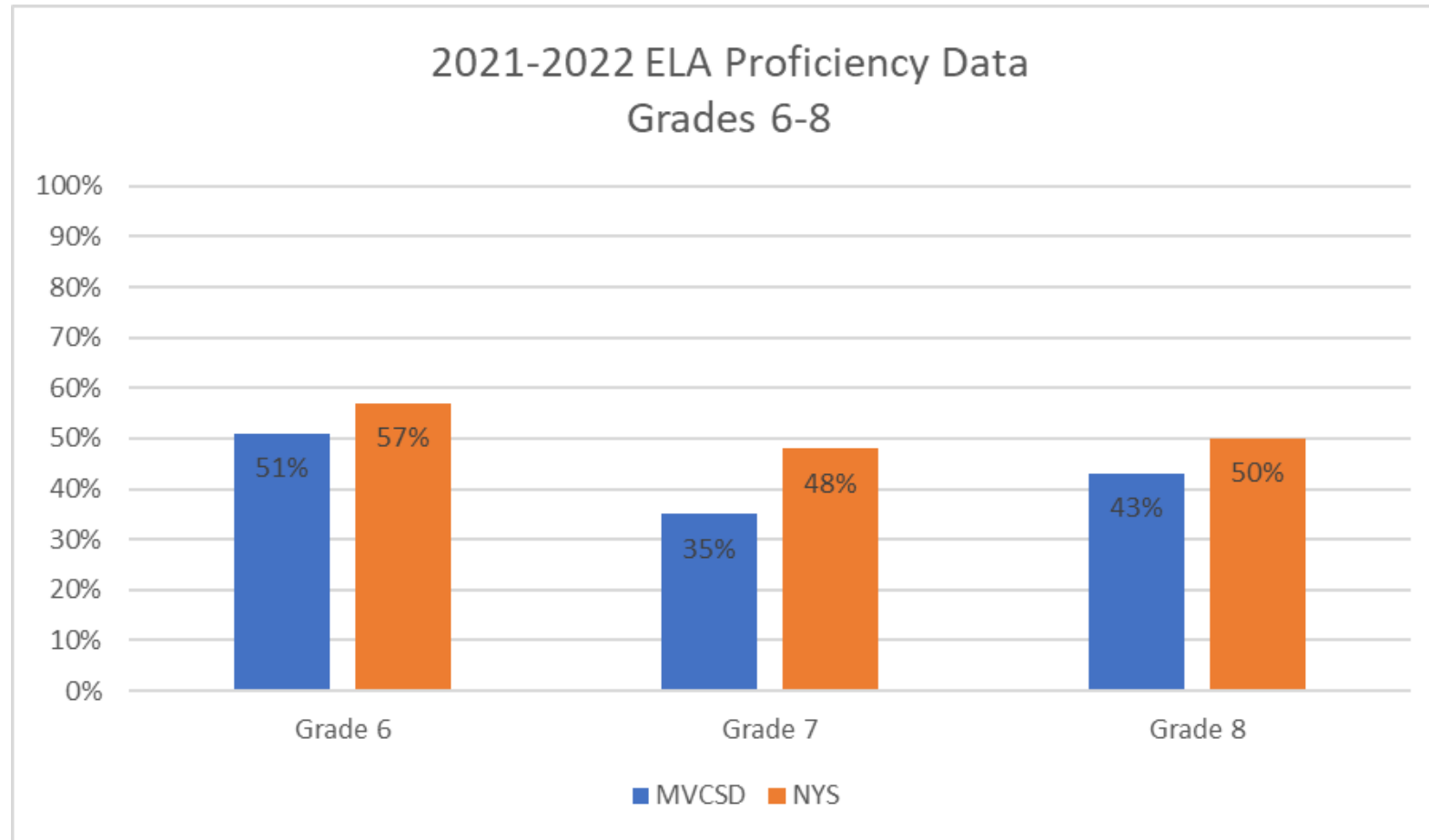
- **89% of Students Tested**
 - **2,624 out of 2,958**
- **39% of Students Demonstrated Proficiency**



Grades 3-5 ELA Data Compared to NYS



Grades 6-8 ELA Data Compared to NYS



Highlights: ELA

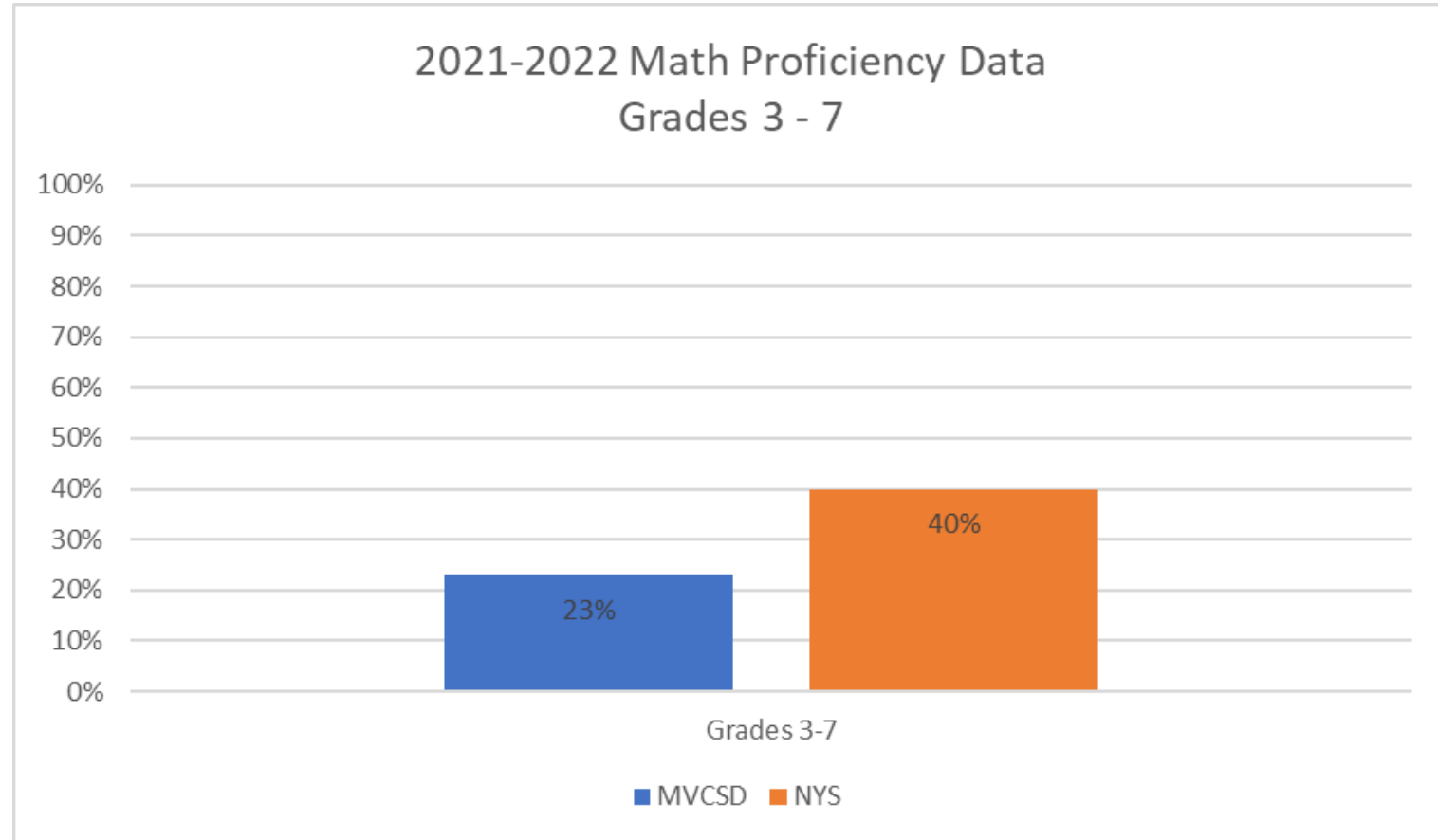
Hamilton School	Lincoln School	Mount Vernon Honor Academy	Mount Vernon Leadership Academy	Nelson Mandela/Hosea Zollicoffer School	Pennington School	Rebecca Turner Elementary School	Traphagen School
Outperformed the NYS average in grade 5	Outperformed the NYS average in all grades 3-8	Outperformed the NYS average in grade 6	Outperformed the NYS average in grades 3, 6 and 8	Outperformed the NYS average in grade 3, 4 and grades 3-8 average	Outperformed the NYS average in grades 3, 6, 8, and grades 3-8 average	Outperformed the NYS average in grades 3 & 4	Outperformed NYS in all grades 3-8

Action Steps for Improvement in ELA

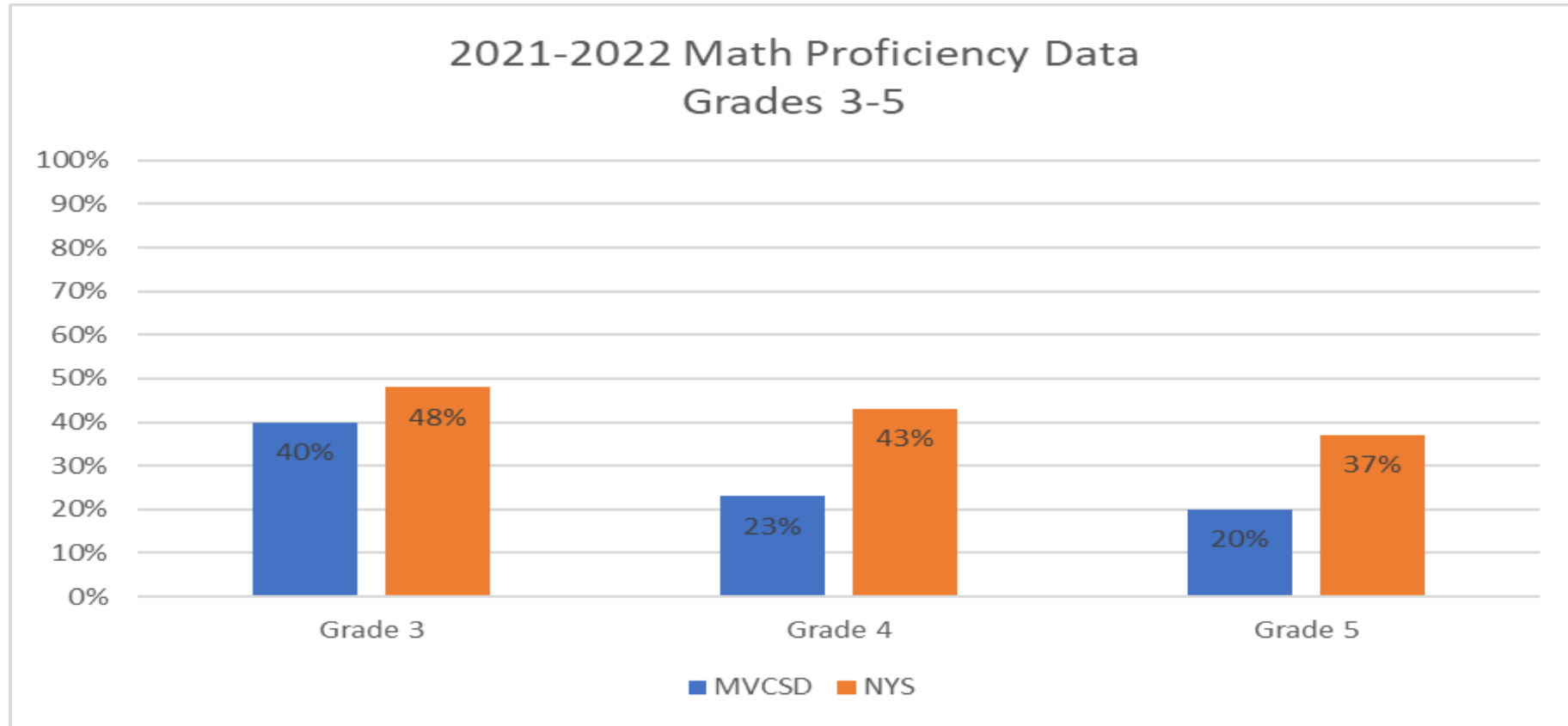
Foundations	Data Analysis	Balanced Literacy
<ul style="list-style-type: none">• Year 1 of implementation - multisensory and systematic phonics, spelling, and handwriting program• Daily learning plan is 30 minutes, consisting of 3-5 activities• Activities address skills in an integrated approach and provide repetition in varied ways• For example: once students have mastered sounds in isolation, they begin to blend and segment letter sounds, leading to decoding (sounding out simple words) and encoding (spelling simple words)	<ul style="list-style-type: none">• Administered B.O.Y.<ul style="list-style-type: none">• Will administer M.O.Y. and E.O.Y.• Data is reviewed and analyzed• Teachers use the information to make informed decisions about instruction and intervention<ul style="list-style-type: none">• Small Group instruction• Tiers of intervention and progress monitoring (RTI)	<ul style="list-style-type: none">• Year 1 of implementation – a literacy approach that integrates reading, writing and word study• Mini-lesson<ul style="list-style-type: none">• Teacher begins with whole group• Teacher explicitly teaches the skill/strategy• Independent Reading (independent level)• Guided Reading (instructional level)• Conferencing and Small Groups (strategy groups – multiple levels)• Share-out

District Data: Summary of Grades 3-7 Math

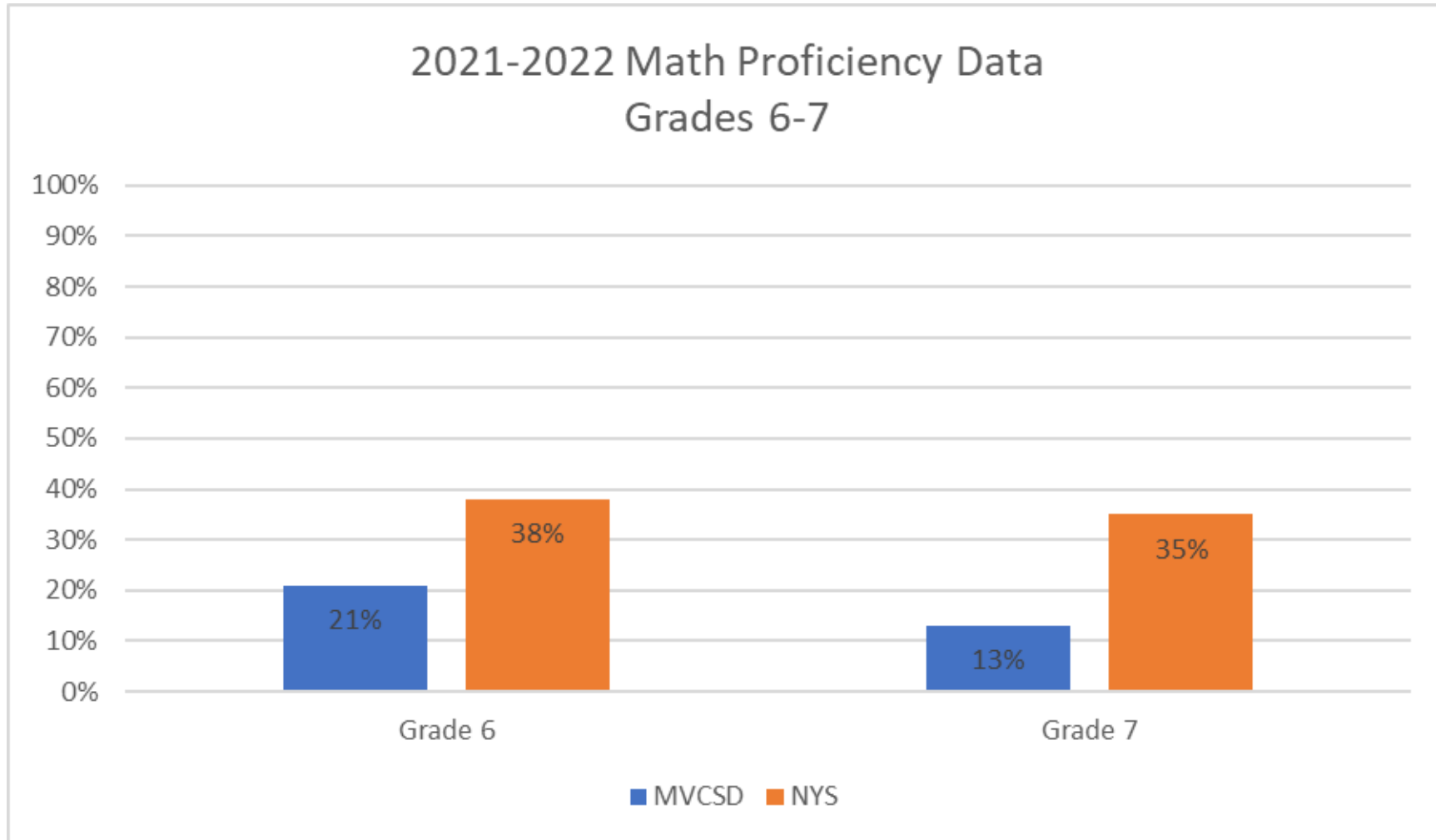
- 88% of Students Tested
 - 2,205 out of 2,510
- 23% of Students Demonstrated Proficiency



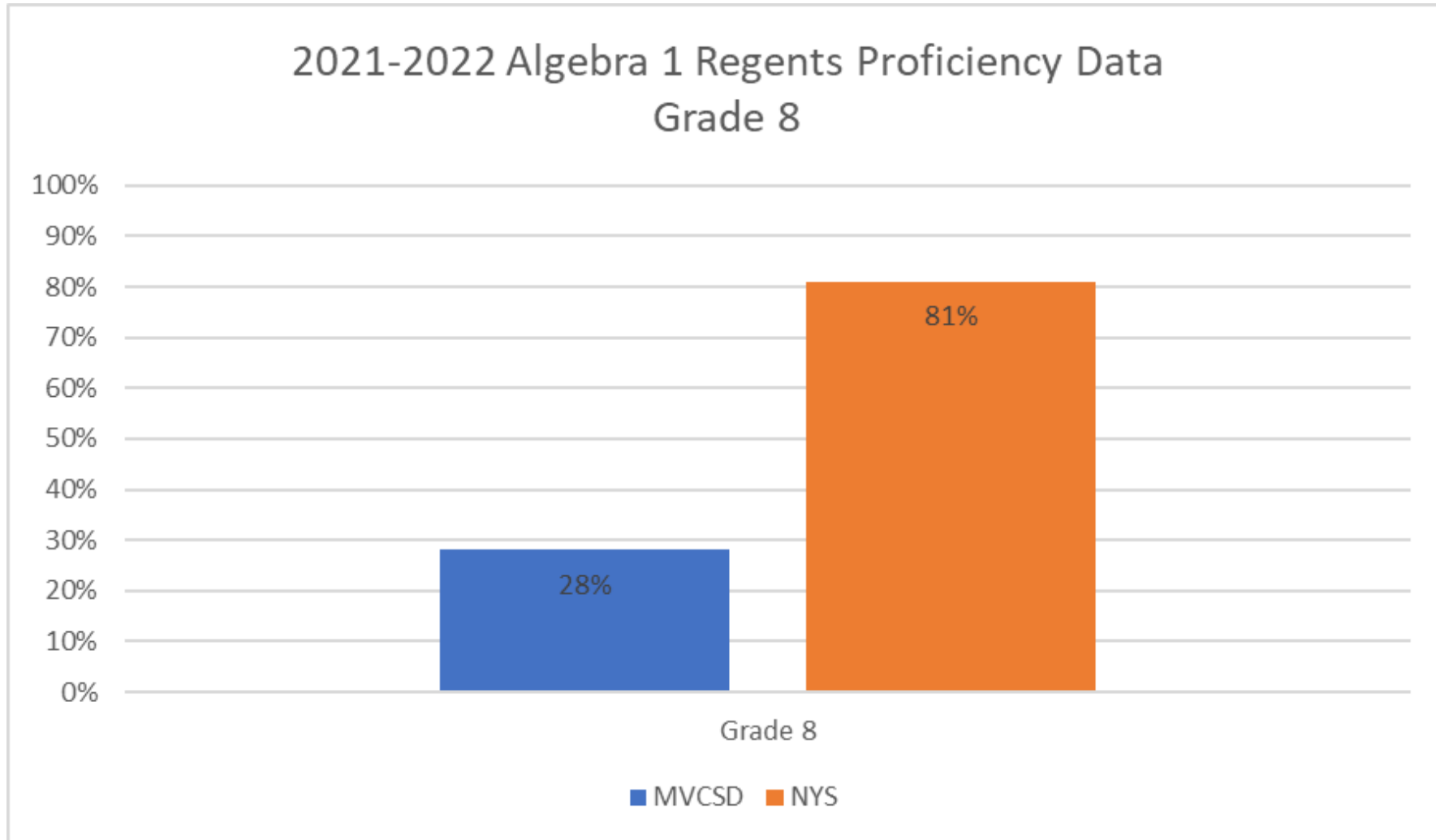
Grades 3-5 Math Data Compared to NYS



Grades 6-7 Math Data Compared to NYS



Grade 8 Algebra 1 Regents Compared to NYS



Highlights: Math

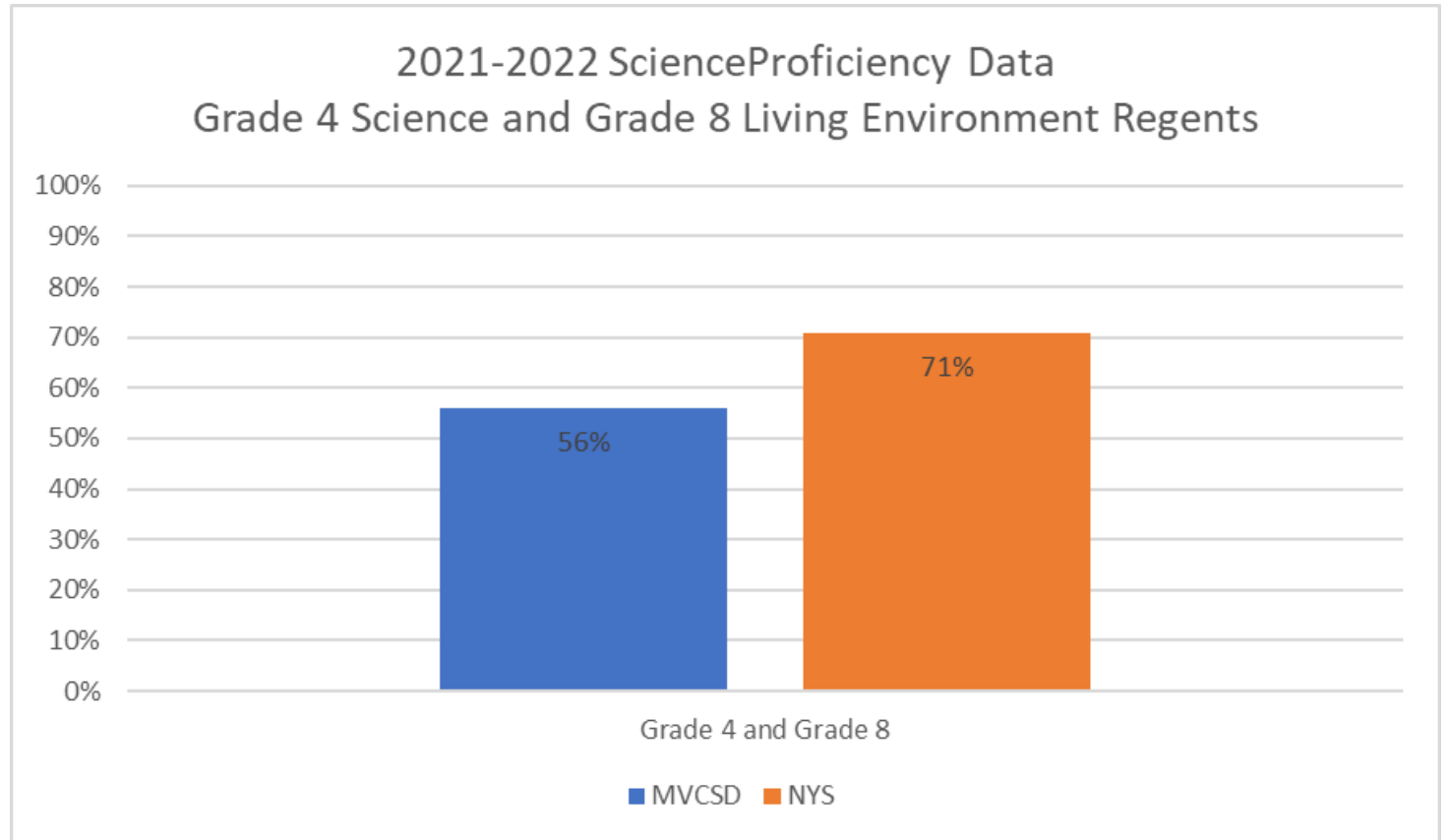
Hamilton School	Lincoln School	Mount Vernon Honor Academy	Mount Vernon Leadership Academy	Nelson Mandela/Hosea Zollicoffer School	Traphagen School
Outperformed the NYS average in grade 5	Outperformed the NYS average in grades 3 and 4	Outperformed the NYS average in grade 6	Outperformed the NYS average in grades 3 and 6	Outperformed the NYS average in grade 3	Outperformed the NYS average in grades 3, 6, and Regents 8

Action Steps for Improvement in Math

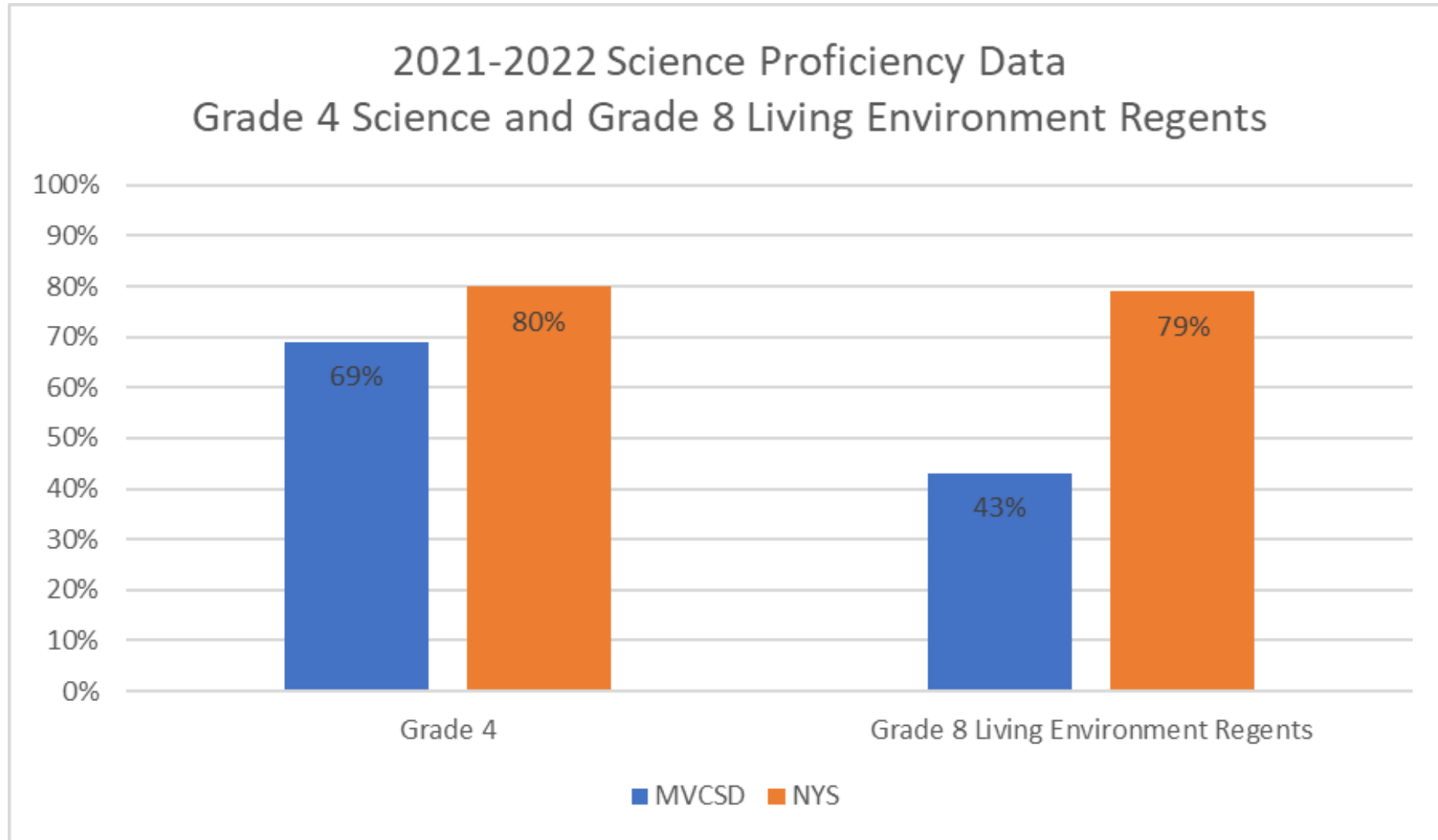
Strategy 1	Strategy 2	Strategy 3 (2023-24)
<p>Strategy 1: Analyze Data to Improve Student Achievement in Math</p> <ul style="list-style-type: none"> Analyze NYSED and common assessment math (local) data to determine if the following are needed: <ul style="list-style-type: none"> Intervention Services Regrouping based on local assessment data, lesson data and observational data Reteaching based on local assessment data, lesson data and observational evidence (via the Intervention / On Level / Advanced activities, Math Diagnosis Intervention System –MDIS, iReady pathway lessons, etc.) Differentiated instructional strategies(Fluency, Tiered questions, Emphasis on Problem Solving Methodologies -Multi-Step Word Problem using QTIPS, KNWS or STAR, Concrete/Pictorial/Abstract Methodology, Vocabulary and Writing in mathematics, etc. Analyze NYSED and common assessment math (local) data to determine if the following are needed 	<p>Strategy 2: Identify and Implement Effective Instructional Strategies Improve Student Achievement in Math</p> <ul style="list-style-type: none"> Continue to develop lessons (based on the workshop model -6 components) and assessments aligned with New Learning standards. Utilize best practices and research-based strategies in math {Fluency, Tiered questions, Emphasis on Problem Solving Methodologies -Multi-Step Word Problem using QTIPS, KNWS or STAR, Concrete/Pictorial/Abstract Methodology, Vocabulary and Writing in mathematics, etc.} <p style="text-align: center;">Summary</p> <ol style="list-style-type: none"> Coherent Lesson Design Emphasis on Problem Solving Methodologies -Multi-Step Word Problem using QTIPS, KNWS or STAR Emphasis on Concrete/Pictorial Representations during mathematics block Small group instruction 	<p>Grade 8 Math Course Offerings for 2023-2024:</p> <p>Grade 8-Math 8 (to strengthen students' foundational skills in Math in preparation for high school Regents courses)</p> <p>Grade 8-Algebra 1**-for selected students who meet criteria</p>

District Data: Summary of Grade 4 and Grade 8 Living Environment

- 90% of Students Tested
 - 844 out of 939
- 56% of Students Demonstrated Proficiency



Grade 4 Science and Grade 8 Living Environment Regents Data Compared to NYS



Action Steps for Improvement in Science

- Revise Science Course Sequence for the 2023-2024 School Year (Grades 7 & 8)
- Provide Professional Development for new courses

2022-2023 Science Course Offering (current program)

- Grade 7-Living Environment 1
- Grade 8-Living Environment

2023-2024 Science Course Offering

- Grade 7-Science 7
- Grade 8-Living Environment

2024-2025 Science Course Offering

- Grade 7-Science 7
- Grade 8-Science 8
- Living Environment** -for selected students who meet criteria



Thank you!