

- Introduce Next-Generation MCAS
- Present:
 - District MCAS Spring 2017 Results
 - District MCAS Subgroup Results
 - District WHS OECD (PISA) 2017 Results
- Share next steps

Designed as a

- Spring 2017
 - Grades 3-8 in ELA & Math
 - CBT grades 4 & 8
 - Grades 5 & 8 Science (no change)
 - High School ELA, Math, Science (no change)

- Spring 2018
 - CBT for grades 4-8 in ELA, Math & Science
 - PBT for grade 3
 - High School ELA, Math, Science (no change)

- Spring 2019 – Fully Implemented
 - CBT for grades 3-





Next-Generation

- A student who performed at this level exceeded grade-level expectations by demonstrating mastery of the subject matter.
- A student who performed at this level met grade-level expectations and is academically on track to succeed in the current grade in this subject.
- A student who performed at this level partially met grade-level expectations in this subject.
- A student who performed at this level did not meet grade-level expectations in this subject.

- Focuses on:
 - Critical thinking abilities
 - Application of knowledge
 - Connections between reading and writing
 - College and career readiness
- Next-Generation MCAS questions are designed to more rigorously assess Massachusetts Curriculum Frameworks (Standards)
- Massachusetts educators set these standards and raised the expectations of what it means to meet or exceed the Standards.

- The Next-Generation MCAS measures in a different way (closer alignment with 21st





- Exceeding Expectations
- Meeting Expectations
- Partially Meeting Expectations
- Not Meeting Expectations

- Advanced
- Proficient
- Needs Improvement
- Warning





- Cumulative assessments 3-5 and 6-8
- Based on overlapping old and new curriculum standards

- Based on overlapping old and new standards
- Will be computer-based grades 5 & 8

- Based on 2016 standards, grade 3-5 and 6-8
- Computer-based with new test design
- Performance standards will be set







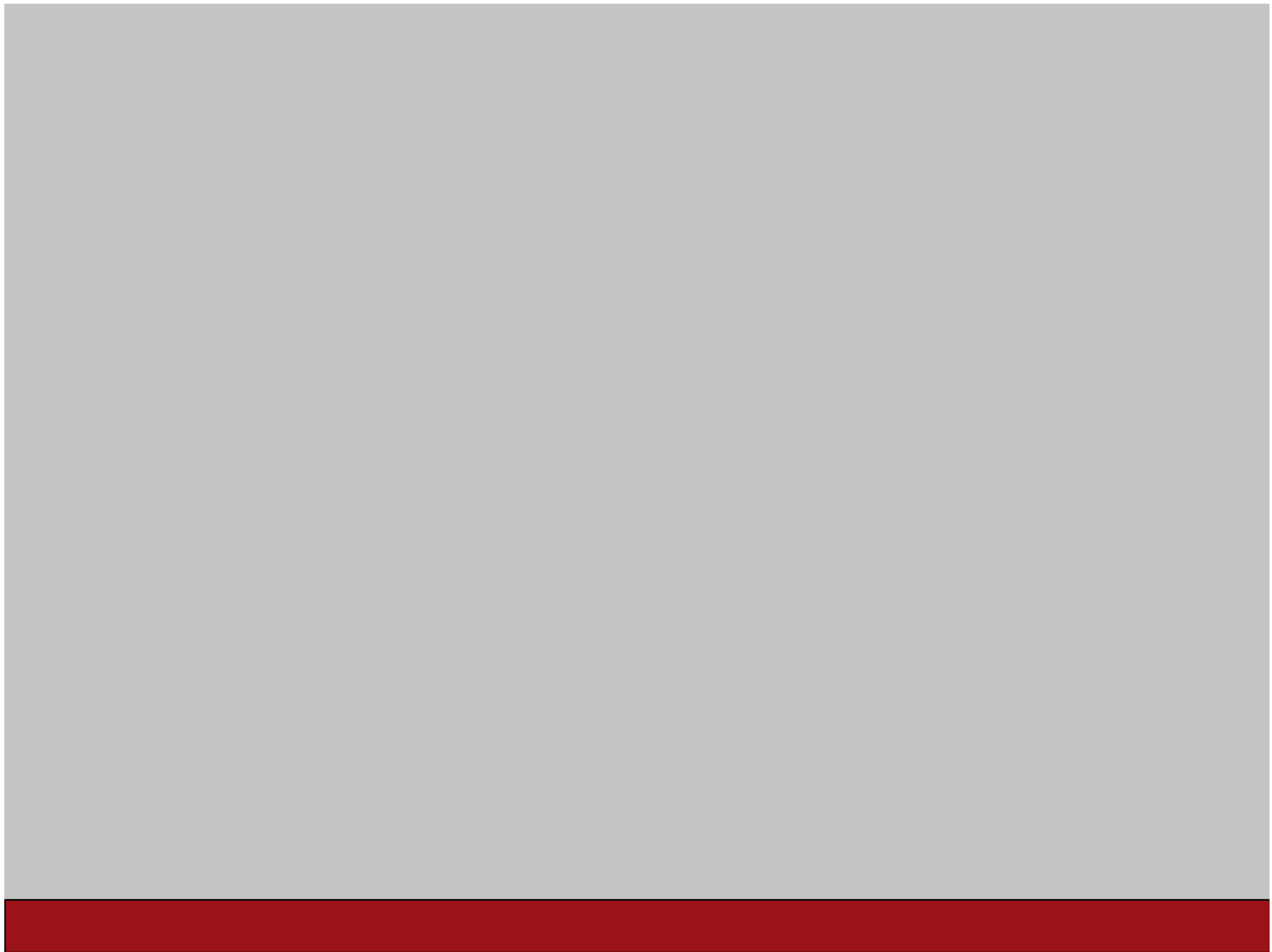


Concord-Carlisle	98	98	96
Dover-Sherborn	99	99	97
Lexington	98	98	94
Lincoln-Sudbury	98	96	91
Natick	95	90	94
Needham	98	94	92
Newton	97	94	91
Wayland	98	95	96
Wellesley	99	96	96
Weston	99	96	92
Westwood	97	95	95
Winchester	97	95	95

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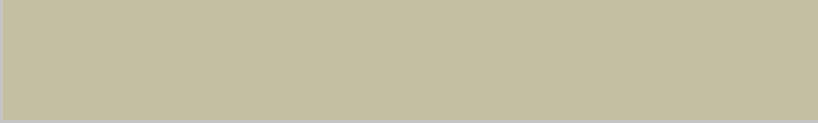
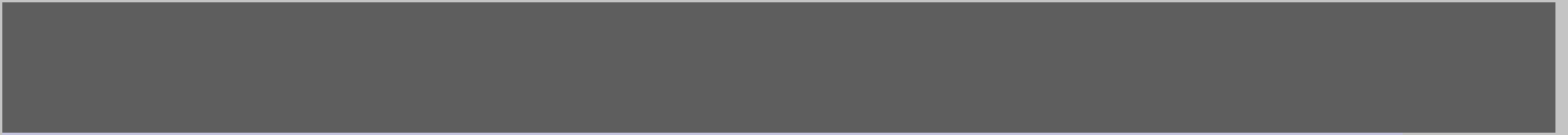
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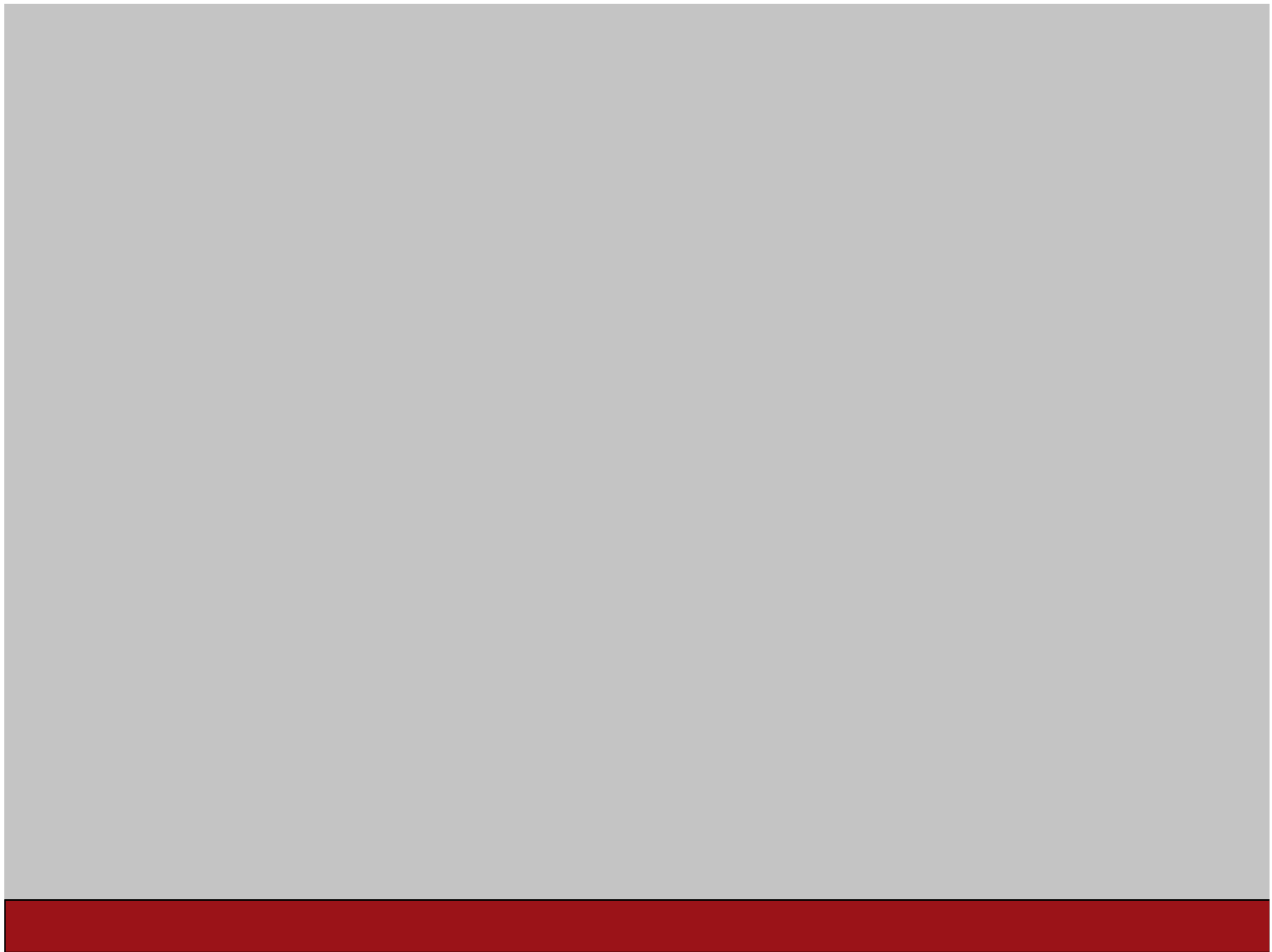




All	71
High Needs	38
Students w/ Disabilities	30











Grade 4	63	54
Grade 5	57	60
Grade 6	55	55
Grade 7	60	73
Grade 8	50	60
Grade 10	56	75

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Q Intentional work on writing about reading

- Additional Math specialists at the elementary level
- New curriculum K-12 and supporting teachers with these materials
- New programs to ensure alignment with MA Curriculum Frameworks (Standards)
- Prioritizing grants for Middle School math support

- Still working to align standards
- More coordinated support for elementary science
- Partnering with science consultants, through a WEF Grant, to do a strategic review of WPS elementary science.

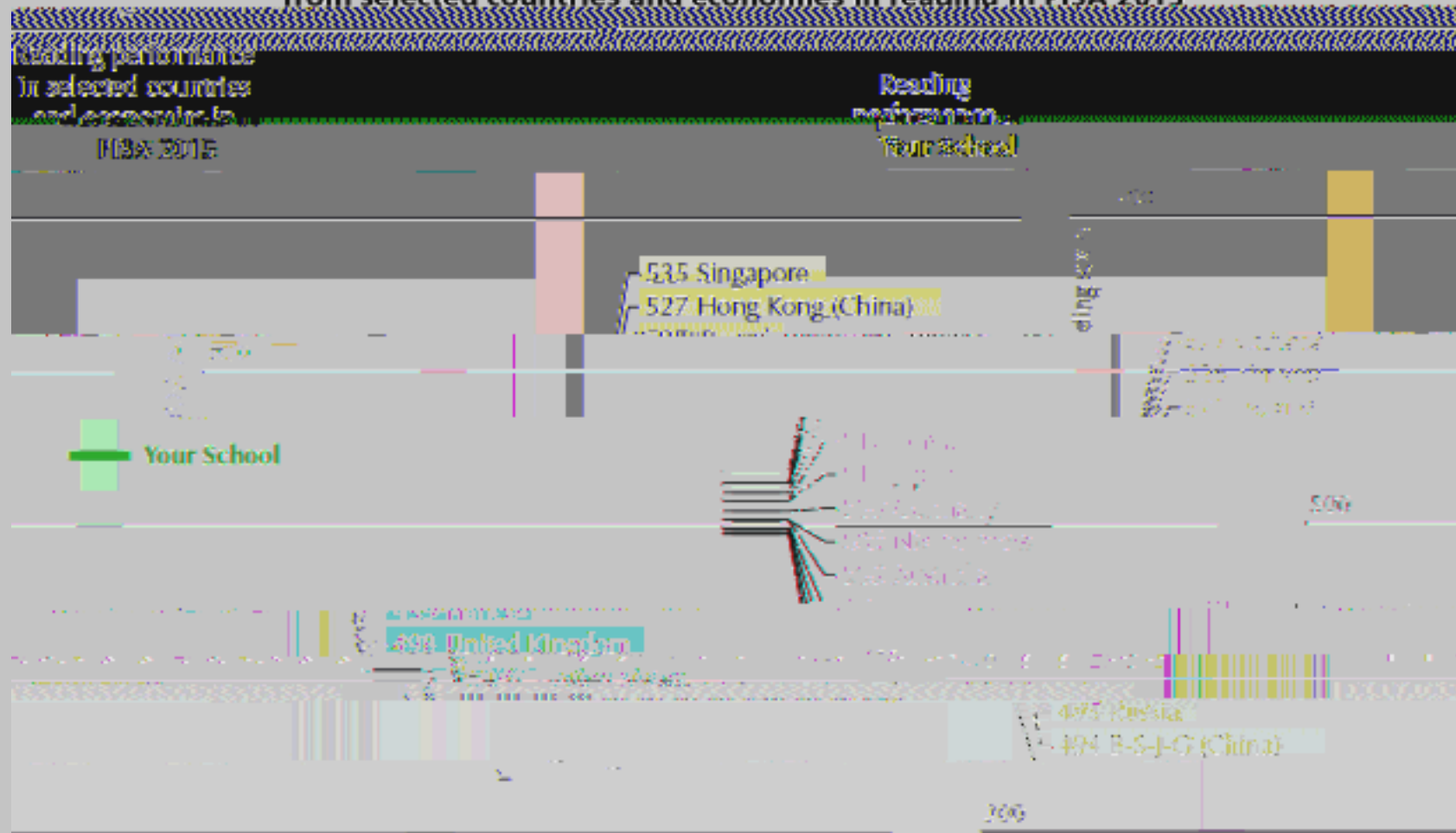


- In 2017 WHS, in coordination with Northwest Education Assessment (NWEA®), administered PISA to a random sample of 69 WHS students.
- The assessment places students into 6 performance levels (1-6), with Level 6 being highest.

	545	574	570
	497	470	496
	493	490	493



Figure 4.1 ■ How students at your school compare with the average of students from selected countries and economies in reading in PISA 2015



sent a 95% confidence interval. In other words, in the case of the results for your school, we Note: Shaded bars above and below the mean scores repre

Figure 4.5 ■ How students at your school compare with selected countries and economies in mathematics in PISA 2015

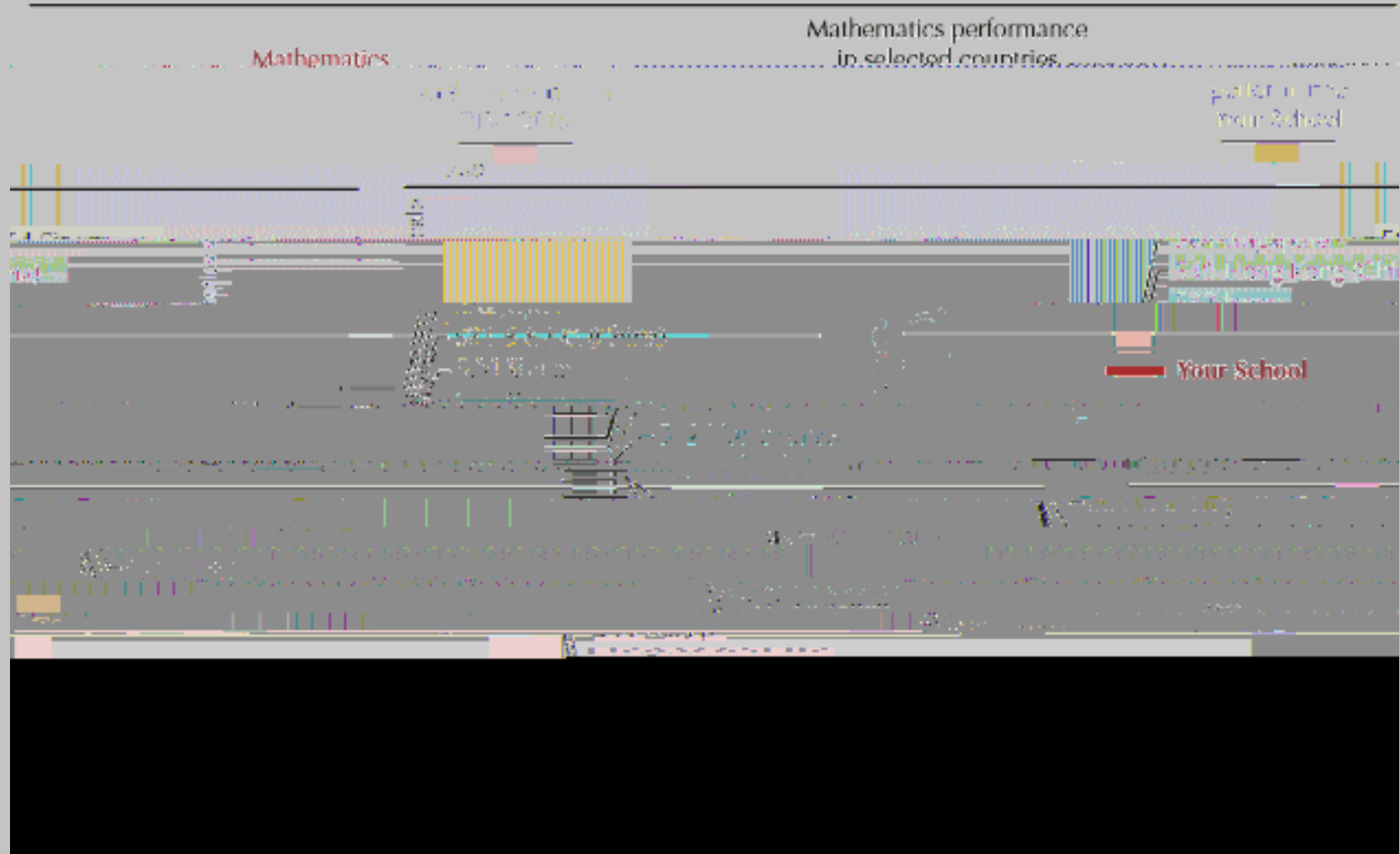


Figure 4.8. How do your students compare to other schools with similar characteristics and economies in science in PISA 2015?



values and below the mean scores represent a 95% confidence interval. In other words, in the case of the results for your school, we are 95% confident that the true score of your school is between 500 and 600. Note: Shaded bars represent the 95% confidence interval for the mean score of all schools in the PISA 2015 database. The shaded area below the bars represents a 95% confidence interval for the mean score of all schools in the PISA 2015 database.

- Students are given a questionnaire at the end of the assessment to gather information about the following:
 - Student's family and home
 - School's climate
 - Student's strategies , attitudes, and dispositions towards learning

- High performing in all areas: Reading, Mathematics, and Science
 - WHS is performing below where expected in reading and science as compared to students with similar socio-economic backgrounds.
- WHS students are deep and highly restricted readers versus deep and wide readers
- Similar to previous data sources (Challenge Success)
 - 70% of students agree that “Mathematics is an important subject for me because I need it for what I want to study later on.”
 - 78% of students agree that “Most teachers listen to what I have to say.”

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- Q Parent Guide to the MCAS (available in several languages)
 - Q Annotated Parent/Guardian Reports (PPT)
 - Q Frequently Asked Questions (FAQs)
 - Q What are the Achievement Level Descriptors?
 - Q Item Descriptions for Grades 3-8 ELA and Mathematics
 - Q Parent/guardian report templates and translations