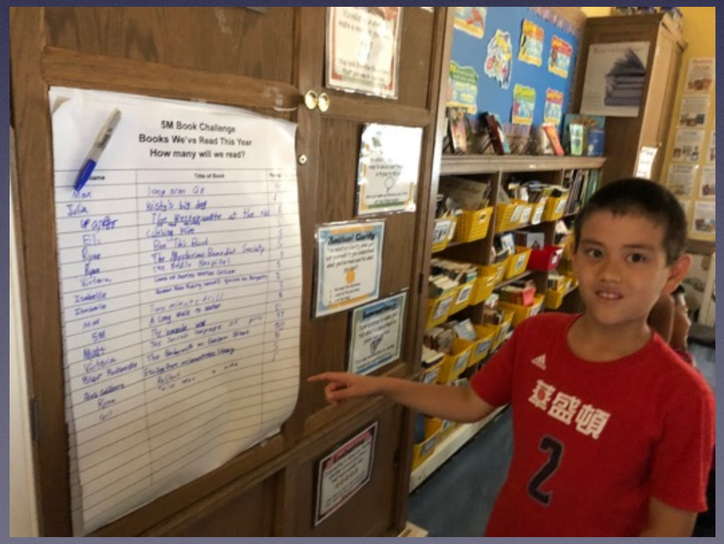


The Multiple Measures of Scarsdale Learners





Education Report
October, 2018



Tonight

- A discussion of the ways in which we assess and benchmark programs, student learning and engagement in Scarsdale Schools
- A close look at Global Competencies with some special guests

Value What We Measure

Measure What We Value

The Learning We Value

- Skills, content knowledge, and conceptual understanding that can be assessed through through various assessment measures

- Attributes and dispositions related to creativity, collaboration, empathy, diplomacy, tenacity and resilience that are more difficult to measure

The Metrics We Use



Where to begin…

Alumni "Satisfaction Survey"





Alumni Surveys



Graduates are overwhelmingly positive about the quality of the academic preparation they received in Scarsdale.

Graduates also provided positive feedback about their readiness in non-academic areas.




College Data
STOP
4-WAY

Scarsdale Graduates to College

Year	Percent to college	Percent to 4-year college
2018	99%	98%
2017	98%	97%
2016	98%	97%
2015	99%	97%
2014	99%	97%
2013	99%	98%
2012	97%	95%
2011	99%	98%
2010	98%	96%
2009	98%	96%
2008	99%	97%
2007	99%	97%
2006	99%	96%
2005	97%	94%

Percent of Scarsdale graduates accepted to colleges and universities ranked “most selective” in the U.S.

Year	Percentage
2018	63%
2017	59%
2016	63%
2015	64%
2014	68%
2013	64%
2012	59%
2011	62%
2010	61%
2009	58%
2008	58%
2007	58%
2006	55%
2005	57%
2004	55%

SAT Scores

SAT Scores

Scarsdale's Mean Combined SAT Score Results continue to be the highest among comparable districts in our region.

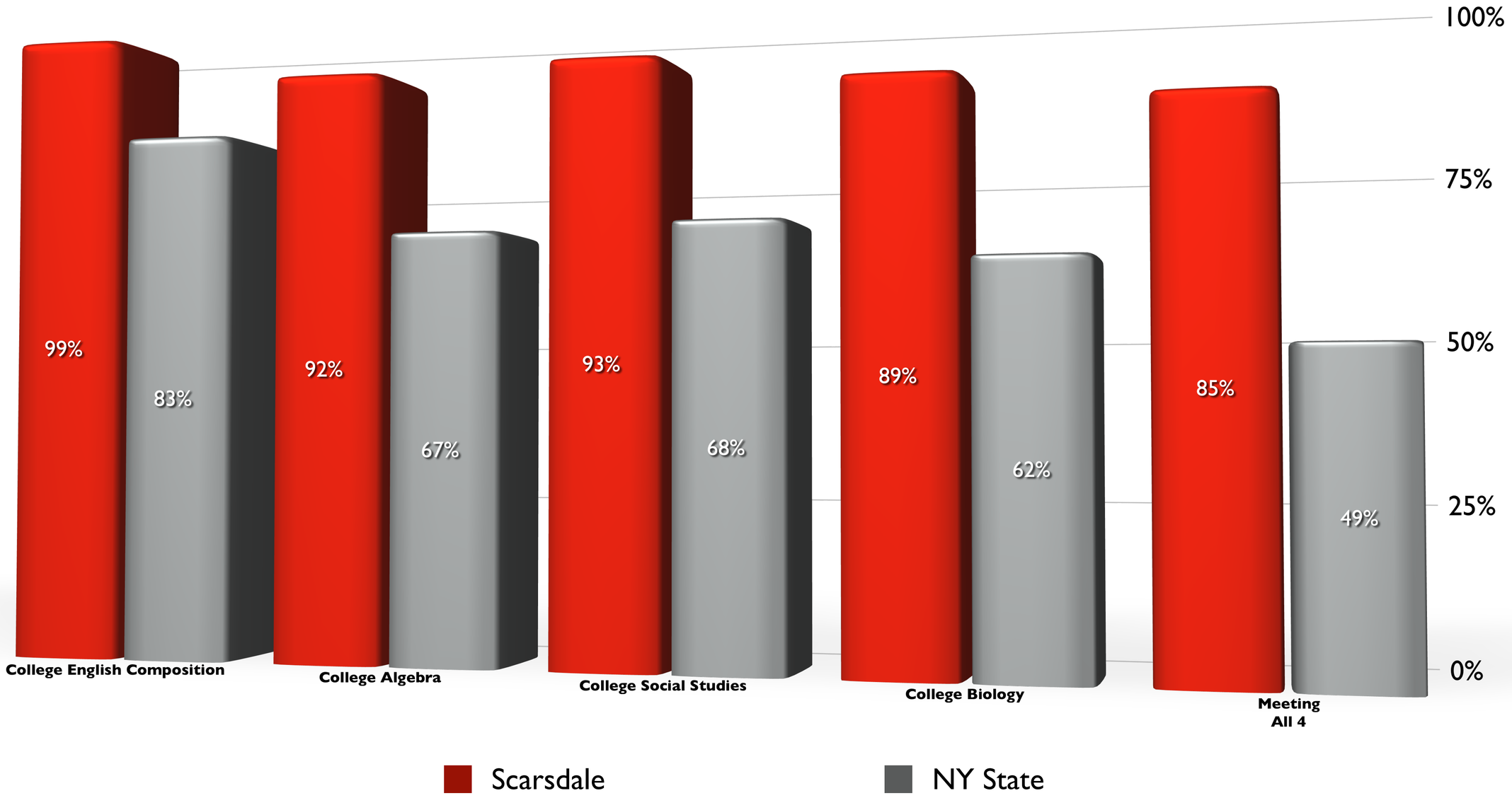
Scarsdale High School SAT Score Results

	Scarsdale High School					National			
	ERW (mean)	**Math (mean)**		**Total (mean)**		**ERW (mean)**	**Math (mean)**		**Total (mean)**
2018	668	689		1357		Not reported in time for this report			
2017*	663	674		1337		538	533		1060
	Crit. Reading (mean)	**Math (mean)**	**Writing (mean)**	**Total (mean)**		**Crit. Reading (mean)**	**Math (mean)**	**Writing (mean)**	**Total (mean)**
2016	634	658	649	1941		494	508	482	1484
2015	637	657	652	1946		495	511	484	1490
2014	636	663	659	1958		497	513	487	1497
2013	633	656	648	1937		496	514	488	1498
2012	632	651	643	1926		497	514	498	1509
2011	634	651	650	1935		497	514	489	1500
2010	611	650	643	1904		501	516	492	1509
2009	628	656	641	1925		501	515	493	1509
2008	617	655	644	1916		502	515	494	1511

2018 Mean Combined SAT Scores of Comparable Districts

	Scarsdale	Edgemont	Bronxville	Chappaqua	Great Neck South	Blind Brook (Rye Brook)	Great Neck North
ERW	668	664	669	661	634	653	604
Math	689	693	676	676	678	651	627
Total	1357	1357	1345	1337	1312	1304	1231

Percent of ACT-Tested Students Ready for College-Level Coursework



Advanced Placement Exams

Scarsdale High School Advanced Placement Exam Score Results

Year	Total Exams	Mean Test Score	% Exam Scores 4, 5	% Exam Scores 3, 4, 5
2018	491	4.19	78%	93%
2017	419	4.31	85%	97%
2016	392	4.41	85%	98%
2015	356	4.31	81%	97%
2014	428	4.35	83%	97%
2013	375	4.36	82%	94%
2012	428	4.42	86%	98%
2011	509	4.28	81%	97%
2010	515	4.23	81%	94%
2009	566	4.17	78%	94%
2008	650	4.12	76%	94%
2007	856	3.98	71%	90%
2006	841	4.06	72%	93%
2005	731	3.8	63%	89%
2004	756	3.89	67%	89%
2003	733	3.8	61%	86%
2002	694	3.77	62%	89%

AP Exams

The percentage of students receiving scores of 3, 4, or 5 on AP Exams is 93%,


Standardized Tests

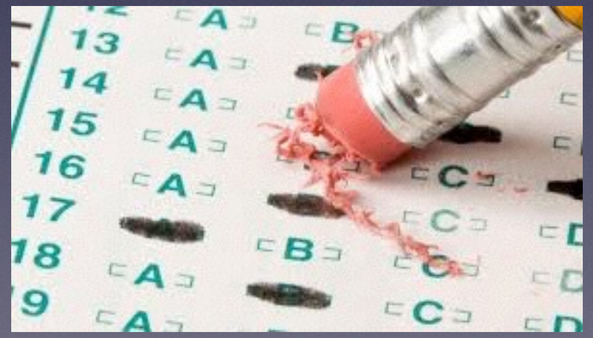
Standardized Testing in Scarsdale

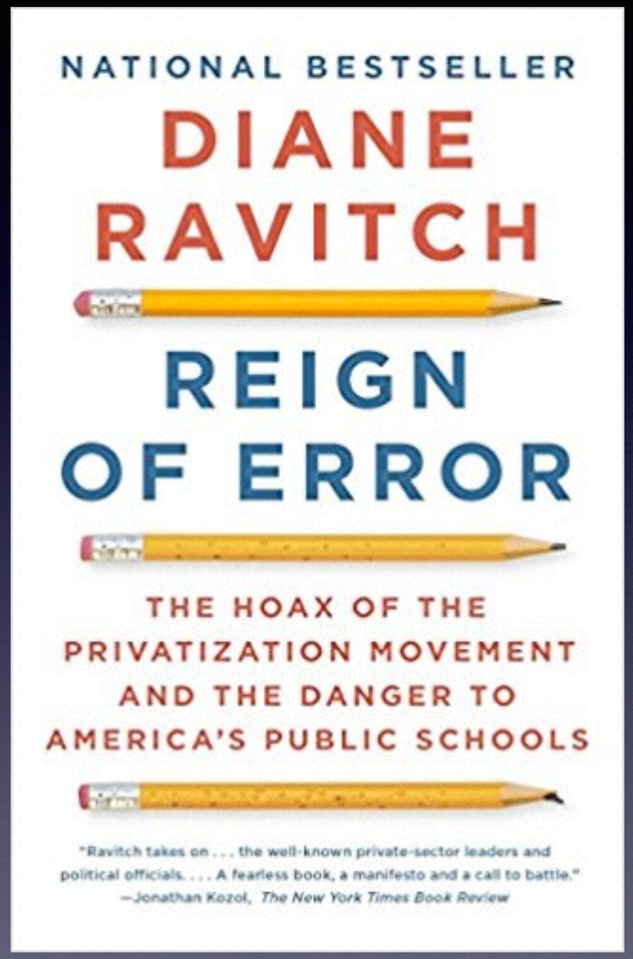
Test	TO EVALUATE	GRADE	TEST GIVEN	RESULTS AVAILABLE
NYS Tests	ELA, Math Science	Grades 3-8 Grades 4 & 8	April, May & June	August
NYS Regents	Algebra, English, U.S. History & Gov't., Global History, Living Environment	Grades 8-11	August, January & June	August, January & June
*PSAT	Critical Reading & Math	Primarily Grade 11 (with a few 10s)	October	December
*ACT or SAT	Critical Reading, Math & Writing	Grades 11-12	Throughout the year	Two to four weeks after the student takes the test
*SAT Subject Tests	Academic Subjects	Grades 9-12	Throughout the year	Two to four weeks after the student takes the test
*Advanced Placement Test (AP)	Academic Subjects	Grades 9-12	Throughout the year	Two to four weeks after the student takes the test
**NYSESLAT	English Proficiency	K-12	April-May	Late summer
**NYSITELL	English Proficiency Diagnostic for Course Placement	K-12	Upon the ELL student's entry into the district	Shortly after completion of the exam

*** Students have the opportunity to take these standardized tests depending on their particular experiences and educational plans**

** **Limited English Proficiency (LEP) only.**

Limitations of Standardized Tests





"The more we focus on tests, the more we kill creativity, ingenuity, and the ability to think differently. Students who think differently get lower scores. The more we focus on tests, the more we reward conformity and compliance, getting the right answer."

-Diane Ravitch

Statement by the Scarsdale Board of Education

"The overemphasis on standardized testing has caused considerable collateral damage in too many schools, including narrowing the curriculum, teaching to the test, reducing love of learning, pushing students out of school, driving excellent teachers out of the profession, and undermining school climate."
(Scarsdale Board of Education, 2013)

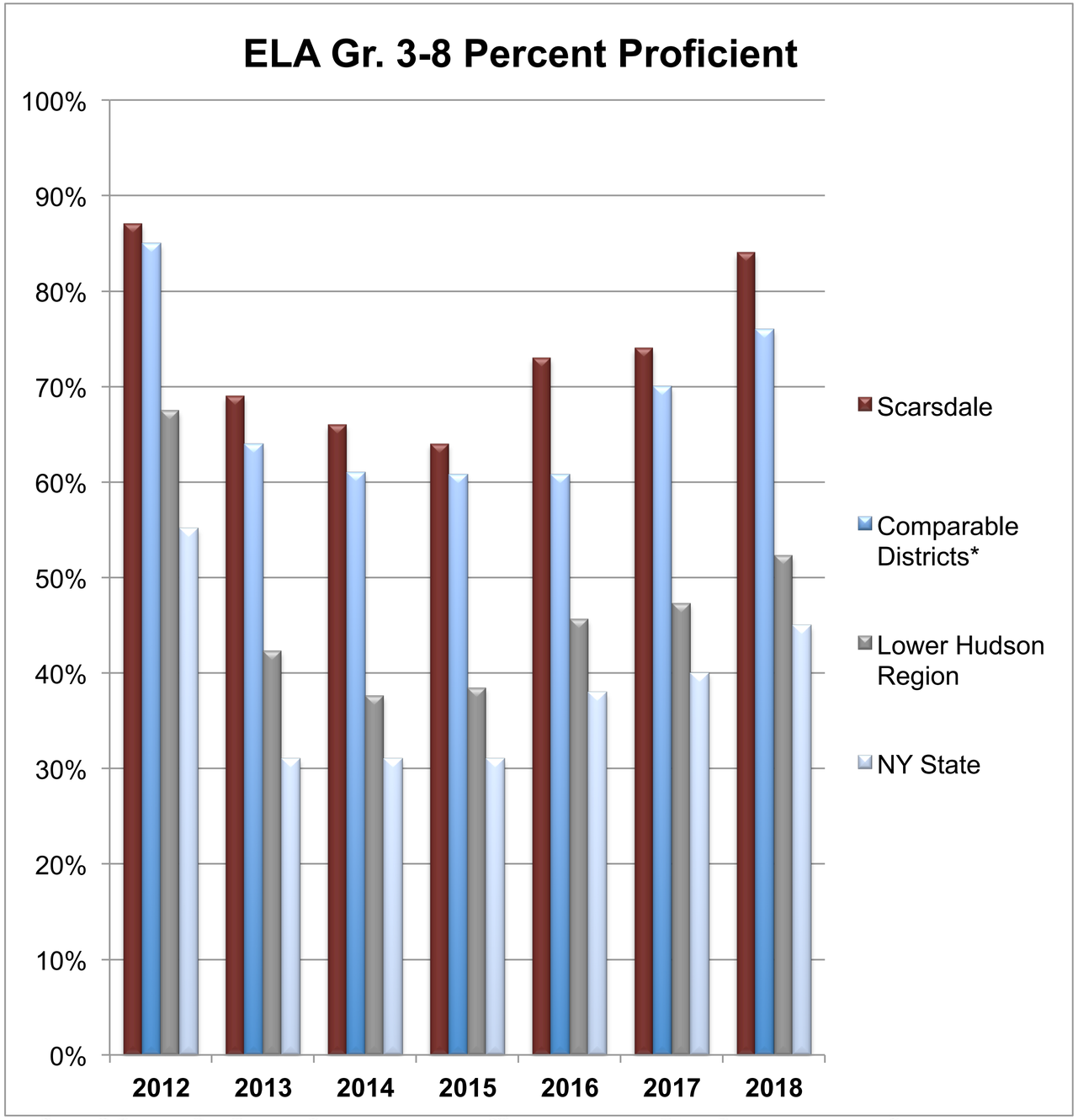
New York State Standardized Tests

ELA

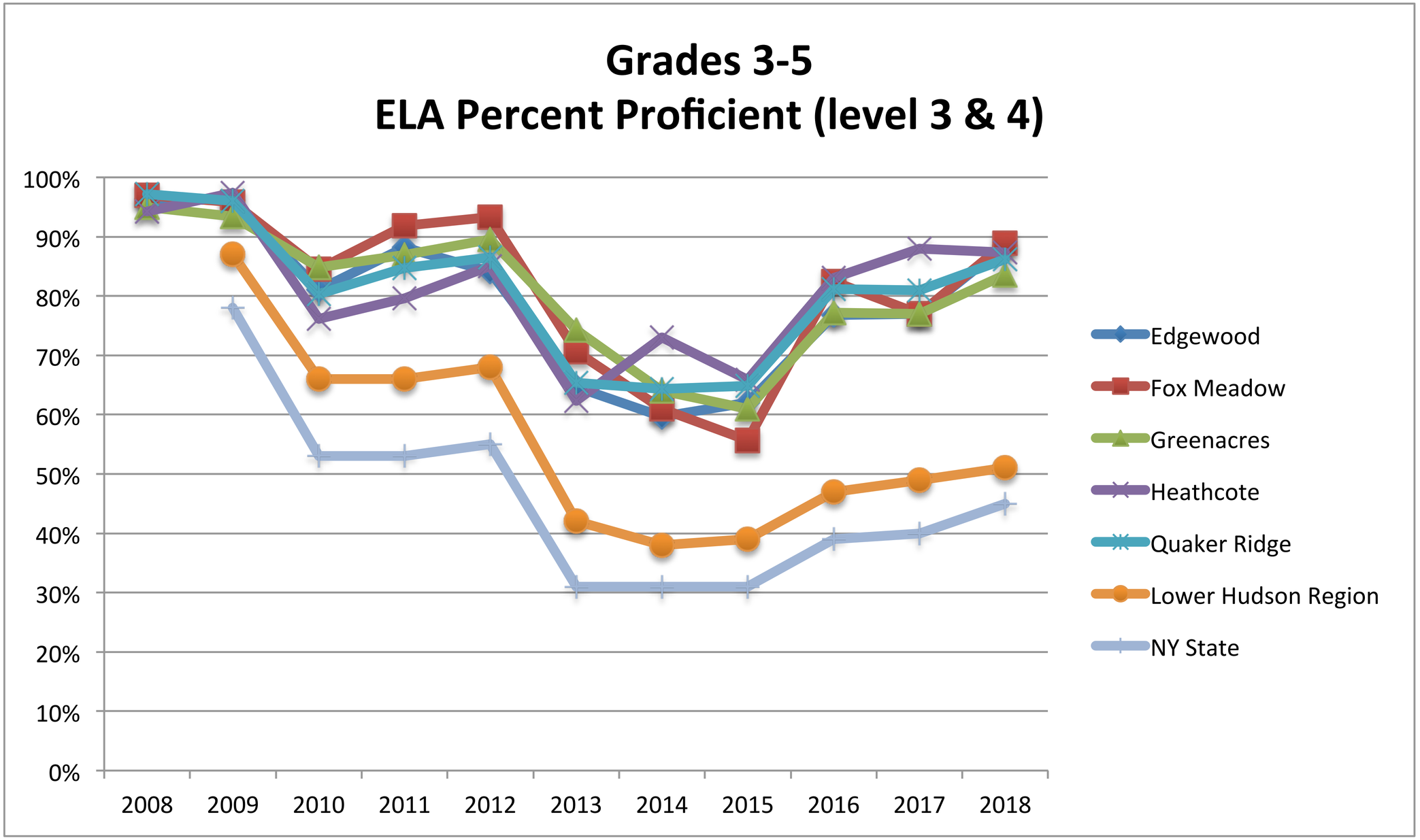
NYS ELA Proficiency Rate (Level 3 and 4) 2007-2018

Historical Comparison of Scarsdale's Proficiency Rate

Grade Level	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
3	91%	96%	95%	78%	88%	87%	64%	70%	58%	87%	87%	88%
4	93%	93%	97%	85%	89%	87%	66%	55%	70%	83%	78%	89%
5	94%	99%	95%	81%	82%	90%	73%	69%	55%	71%	74%	84%
6	94%	95%	97%	86%	87%	88%	74%	60%	63%	56%	65%	88%
7	90%	93%	98%	87%	88%	85%	67%	64%	65%	66%	67%	82%
8	95%	92%	93%	88%	87%	88%	70%	75%	72%	80%	74%	71%
Avg 3-8	93%	95%	96%	84%	87%	87%	69%	66%	64%	74%	74%	84%



* Ardsley, Blind Brook-Rye, Bronxville, Byram Hills, Chappaqua, Edgemont, Great Neck, Mamaroneck, and Rye City

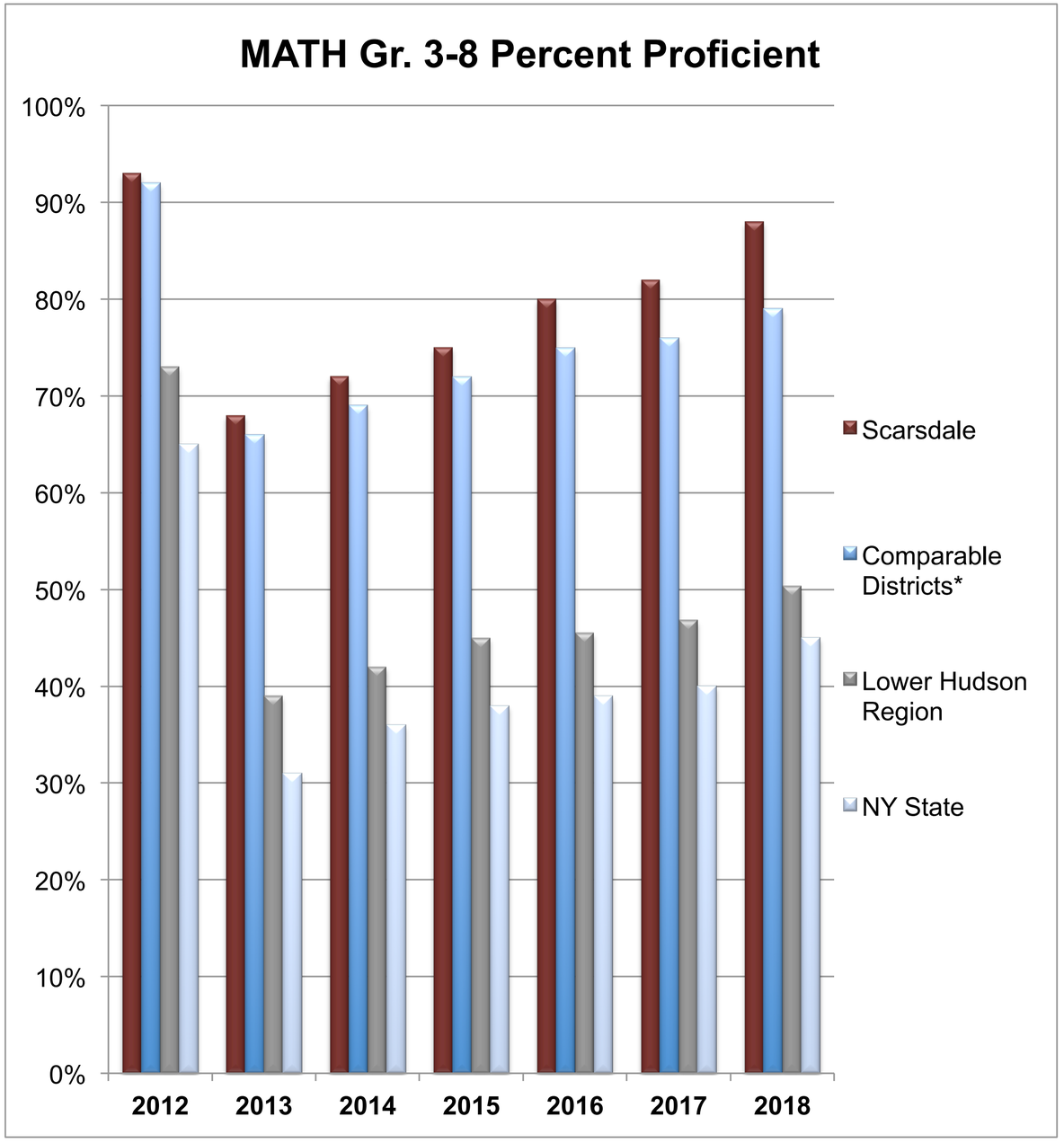

Grades 3-5
ELA Percent Proficient (level 3 & 4)
100%
90%
80%
70%
60%
50%
40%
30%
20%
10%
0%
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
Edgewood
Fox Meadow
Greenacres
Heathcote
Quaker Ridge
Lower Hudson Region
NY State

Math

NYS MATH Proficiency Rate (Level 3 and 4) 2007-2018

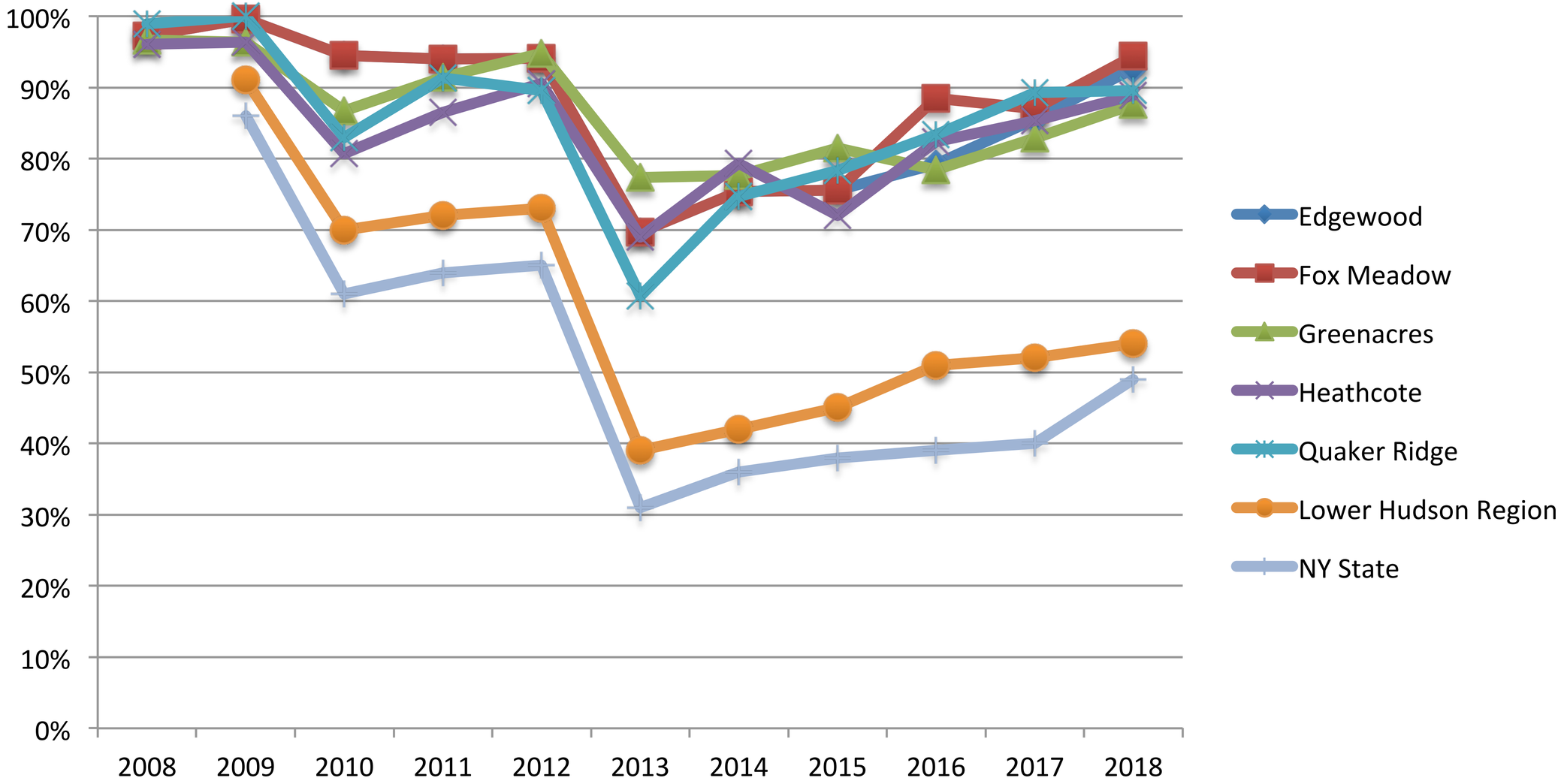
Historical Comparison of Scarsdale's Proficiency Rate

Grade Level	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
3	96%	98%	99%	83%	91%	89%	65%	78%	72%	83%	89%	92%
4	96%	97%	98%	93%	92%	95%	75%	73%	80%	84%	86%	92%
5	97%	97%	97%	87%	93%	95%	69%	79%	73%	80%	83%	88%
6	88%	96%	94%	83%	89%	92%	75%	73%	80%	76%	83%	88%
7	87%	93%	97%	78%	90%	94%	63%	68%	73%	78%	78%	88%
8	90%	91%	96%	80%	92%	95%	61%	59%	71%	81%	74%	79%
Avg 3-8	93%	95%	97%	84%	91%	93%	68%	72%	75%	80%	82%	88%



* Ardsley, Blind Brook-Rye, Bronxville, Byram Hills, Chappaqua, Edgemont, Great Neck, Mamaroneck, and Rye City

Grades 3-5
MATH Percent Proficient (level 3 & 4)



Scarsdale High School Regents Report

Annual Percentage of Students Scoring 65-100%[1]								
Regents Exam	**2011**	**2012**	**2013**	**2014**	**2015**	**2016**	**2017**	**2018**
Integrated Algebra I	99%[2]	99%[2]	99%[2]	99%[2]	88%[3]	84%[3]	not offered	not offered
Common Core Algebra	not offered	not offered	not offered	97%[2]	95%[2]	100%[2]	99%[2]	98%[2]
Common Core ELA	not offered	not offered	not offered	not offered	not offered	100%	99%	97%
Comprehensive English	99%	97%	98%	100%	99%	82%[4]	not offered	not offered
Living Environment (Biology)	99%	100%	99%	99%	99%	98%	99%	100%
Global History	97%	99%	99%	99%	98%	98%	99%	99%
U.S. History and Government	99%	99%	99%	100%	99%	100%	99%	99%

Beyond State Assessments

Common Scarsdale Assessments

Overview of K-5 Assessments

	ELA					MATH					SCIENCE	SOCIAL STUDIES	
	F&P Benchmark Assessment	Narrative Assessments*	Informational On Demand Assessment*	STAR Reading	NYS ELA	STAR Math	NYS Math	1st Trimester	2nd Trimester	3rd Trimester			
K	Fall & Spring	Fall	Spring	Sept. Jan. May		Sept. Jan. May		Nov.	March	June	Assessments are embedded within the three Science 21 Units	**Fall** Assessment to be completed by end of second marking period. **Spring** Assessment - June	
1								Nov.	March	June	Assessments are embedded within the three Science 21 Units	**Fall** Assessment to be completed by end of second marking period. **Spring** Assessment - June	
2								"Open Style" Tasks Nov. - Numeration Dec. - Measurement Feb. - Multiplication May - Fractions			Adaptations Unit- (Embedded in Animal units throughout the year) October - May	**Fall** Assessment to be completed by end of second marking period. **Spring** Assessment - June	
3					April		May	Nov.	Jan. - Multiplication Feb. - Fractions	June	Plants Unit May/June	**Fall** Assessment to be completed by end of first marking period. **Spring** Assessment - June	
4					April		May	Nov.	Jan - Fractions March - Area & Perimeter	June	Ecosystems - (Embedded assessments throughout year)	NYS Science **Performance** May - June **Written** - June	**Fall** Explorers Assessment to be completed by the end of second marking period. **Spring** Assessment - June
5					April		May	"Open Style" Tasks Jan - Fraction March - Volume			Effervescent Launchers Unit and Mixtures and Solutions Unit (use Process Skills rubric)	**Fall** Assessment to be completed by the end of the first marking period	**Spring** Capstone Project April - June

* Genre assessment determined by school curriculum calendar

SMS Overview of Grades 6 – 8 Assessments (Common/N.Y.S.)

	English			Math			Science		
	Grade 6	Grade 7	Grade 8	Grade 6	Grade 7	Grade 8	Grade 6	Grade 7	Grade 8
September	pre-assessment benchmark		grammar pre-test	Inventory				Scientific Method Lab	Density Cube Lab
October	Character trait paragraph	Poetry (ongoing throughout the school year)	Literary essay (ongoing throughout the year)						Periodic Table Lab
November		Literary essay (ongoing throughout the year)					Scientific Method/Measurement Assessment		Demo Days
December									Moon Phases
January	Writing about conflict (time of year varies by house)							Mid-year assessment	Angle of Insolation lab
February									
March		Speech Unit	Speech Unit; Romeo & Juliet/benchmark essay						Sling Psychrometer
April	theme essay NYS ELA	NYS ELA	NYS ELA					Flower Forensics Lab	Solar Home Stem Project
May				Cumulative Assessment NYS Math	NYS Math	NYS Math		Natural Selection Simulation	NYS Performance
June	Writing Benchmark Speeches	Julius Caesar benchmark essay	8th grade end of the year project grammar post-test		Final Exam	Gr. 8 Final Exam Algebra Regents	Biosphere in a bottle extended lab	Final Exam	NYS Written 8th grade end of the year project

SMS Overview of Grades 6 – 8 Assessments (Common/N.Y.S.)

	Social Studies			World Language		
	Grade 6	Grade 7	Grade 8	Grade 6	Grade 7	Grade 8
September	Inventory Geography Project			Spanish 6 common diagnostic	Common Diagnostic	Common Diagnostic Pobre Ana, Pauvre Anne
October		Empire	Primary Source Document Analysis Skills	Sp 6 aural/oral Fr 6 introductory topics	Sp 7 Chapter 3 Fr 7 Chapter 1, 2	Sp 8 Chapter 9 Fr 8 Chapters 9, 10
November				Sp 6 Mini Unit 1 Fr 6 Classroom and Useful expressions	Sp 7 Chapter 4 Fr 7 Chapter 3	Fr 8 Chapter 11
December		Revolution "Debates"		Sp 6 Mini Unit 2 Fr 6 Residence, Numbers, weather	Sp 7 Chapter 5 Fr 7 Chapter 4	Sp 8 Chapter 10 Fr 8 Chapter 13
January		Human Rights e-portfolio and PSA		Sp 6 Mini Unit 3 Fr 6 Classroom, time, colors	Sp 7 Chapter 6 Fr 7 Human Rights Project	Sp 8 Chapter 11 Fr 8 Chapter 12, Human Rights project
February				Sp 6 Mini Unit 4 Fr 6 Café and Jardin	Sp 7 Capítulo Puente French 7, Chapter 5, Country Project	Sp 8 Chapter 12, Madrid Project Fr 8 Chapter 17
March		Presidential Powers DBQ		Sp 6 Mini Units 5,6 Fr 6 Shopping and the market	Sp 7 Chapter 7, Country Project Fr 7 Chapter 6	Sp 8 Unidad 1 Etapa 1, Sp 8 Unidad 1 Etapa 2 Fr 8 Chapter 14, Paris Project
April				Sp 6 Mini Unit 7 Fr 6 Sports		Sp 8 Unidad 1 Etapa 3 Fr 8 Chapter 15
May	Current Events Assessment		Research Project and Annotated Bibliography	Sp 6 Mini Unit 8 Fr 6 Likes and Dislikes	Sp 7 Chapter 8 Fr 7 Chapter 8	Sp 8 Intro to Imperfect. Fr 8 Chapter 16, 17, Fr 8 Chapter 18
June	Inventory Ideal Civilization Project	Civil War Museum	8th grade end of the year project	Aural/Oral Assessment	Final Exam	Final Exam

Scarsdale High School Common Assessments, 2018-2019

Members of each department at Scarsdale High School work together to establish common course goals, devise approaches to teaching material, and create final assessments. The following table identifies each department's common assessments.

Arts

Ninth grade art classes participate in a Cooper Hewitt Museum project and a required final art project, which is posted on Schoolwires.

English

Ninth grade: Shakespeare Festival; essays of literary analysis

Tenth grade: essays of literary analysis; digital argumentation

Eleventh grade: literary research paper; essays of literary analysis; New York State Regents Exam

Twelfth grade: research paper; essays of literary analysis

Health

Two common assessments in the Health 10 course include a current events assessment and the Health Fair.

The current events assessment is the first major task of the quarter when students choose two different health topics and conduct an in-depth investigation by researching and analyzing reliable current events articles. As consumers, students need to decipher what information is truthful and what is not.

The Health 10 course concludes with the Health Fair, which includes small group research projects (various topics & current trends) culminating with multigenre presentations. This experience is an application of several developmental personal and social skills which, when mastered, enable our students to enhance their personal, family, and community health and safety.

Mathematics

Grades 9-12: At monthly course meetings, teachers share lessons, unit tests and quarterly tests with each other, so the assessments are not **exactly** the same, but the formats and questions are similar. Each course culminates in a common final exam.

Performing Arts

Assessments for performing ensembles include individual evaluations of prepared selections, live or recorded performances, and winter and spring concerts or performances. In academic music classes, such as AT Music Theory, Digital Music, and Music Appreciation, final assessments include the composition of a piece with set criteria, music for a film clip or make presentations in which they connect aural and multi-media materials to an issue, style, or concept.

Physical Education

During each quarter students participate in skills performance assessments, often in both of the two units that are covered. Assessments can be live action viewing, video playback self-assessment, peer-assessment, or teacher-assessment. Each has its own rubric. A quarterly cognitive assessment piece takes the form of either a formal written test or a variety of writing assignments developed by the department (i.e., a review of a fitness-based app, a self-designed workout plan for a specific fitness goal, etc.).

Science

All ninth-graders take the New York State Living Environment Regents exam. Chemistry 513 students take the New York State Chemistry Regents exam. All other students take a local final exam that grows out of collaborations among teachers of each course. Environmental Science concludes with presentations of research or culminating projects.

Social Studies

Ninth Grade World History: World Cities/Global Trade Project

Tenth Grade World History

- multi-step, process-oriented research paper project
- New York State Regents Exam in Global History

Eleventh Grade

- multi-step, process-oriented research paper project
- New York State Regents Exam in United States History

Twelfth Grade

- multi-step, process-oriented research paper project

Advanced Topics courses

- Advanced Topics U.S. History, Advanced Topics U.S. Constitutional Law, Advanced Topics American Government, Advanced Topics International Politics, Advanced Topics Macroeconomics: common final exam in each course
- Advanced Topics Psychology: multi-step, process-oriented research project/study

World Languages

Common assessments in World Languages are designed by the teachers within each course team (e.g., Spanish 323, French 344, etc.). All common assessments evaluate the four skills of language. In Spanish AT Language & Culture, a portfolio of student work serves as the final assessment.

Non-Academic Data: Extracurricular Activities

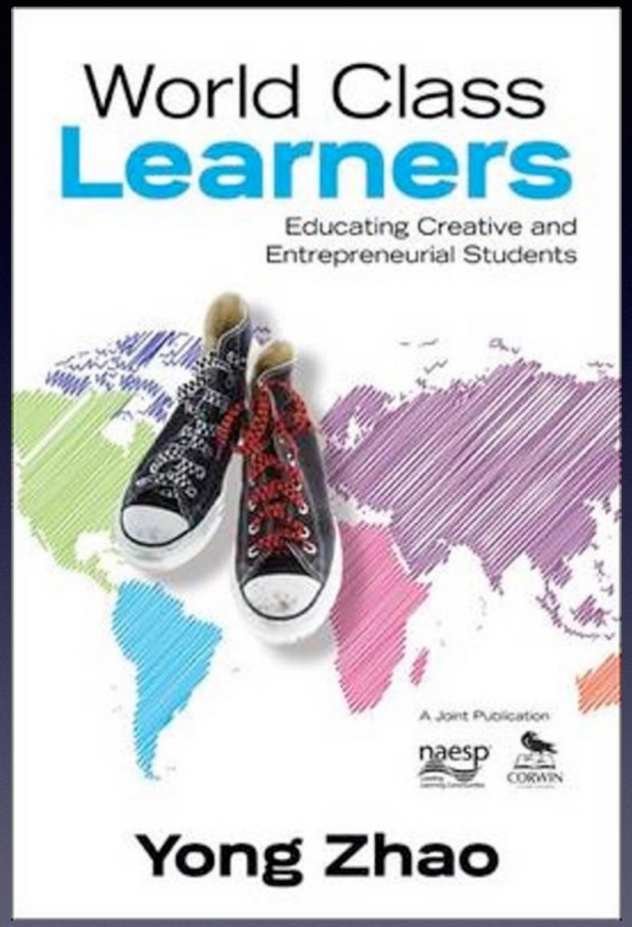
Percentage of total student enrollment involved in extracurricular activities other than athletics: approximately 75%

Percent Participation in Athletics

- Fall 526/1515 **(34.7%)**
- Winter 417/1515 **(27.5%)**
- Spring 444/1515 **(29.3%)**
- Totals 889/1515 **(58.6%)**

Global Competencies

A combination of skills, content understanding, and dispositions



“In a crowded, globalized world, all citizens must develop the perspective, attitude, skills, and knowledge that enable them to live and work in different cultures successfully, to interact with people from different cultural backgrounds harmoniously and productively, and to carry out the moral responsibility to protect the only planet we have for future generations.”

-Yong Zhou

Beyond memorizing the capitol of Scotland…





Providing opportunities to develop essential knowledge and dispositions related to global competencies

How do we assess global competencies?

Courses that Explicitly Engage Global Issues

- World History 611,612
- World History 621,622
- AT International Politics
- Geology 514
- Environmental Science
- Peacing it Together - Global Citizenship in the 21st Century
- Food For Thought
- City 2.0
- AT Spanish Language
- AT French Language
- AT Spanish Literature
- AT Mandarin, Mandarin 344, 323, 313
- Spanish 344, 353
- French 344, 353

Students Who Participate in a Full World Language Course

1,332 students participate in our World Languages program which represents 87% of our student body (1,332/1,530).

International Concerts

- 2018-2019: Paris and Cannes, France (Choirs), Austria and Hungary (Orchestras), Cork and Belfast, Ireland (Bands)
- 2016-2017: Italy (Choirs), Germany (Orchestras), Australia (Bands)

Student Exchange Programs

- Madrid, Spain
- China
- Italy
- France
- Host AFS Students (Norway, Switzerland)
- International Humanitarian Endeavors

Student Exchange Programs

Perth, Australia
Heidelberg, Germany

- Perth, Australia
- Heidelberg, Germany
- Centro Hispano
- SHS Humanitarians of Tomorrow- working to build a school in Rwanda
- Past year Costa Rica Trip (Goodall)

Student Organizations with a Global Focus

- Africa Education Project
- AFYA
- Amnesty International
- Charity Water
- FORA (Fund Orphan Resources)
- Free the Children
- Girls Learn International
- Humanitarians of Tomorrow
- International Club
- Liberty in North Korea
- Model UN
- Neighbors Link
- Spanish Club
- SSGWI (Salman and Samina Global Wellness Initiative)
- Students for Refugees
- Chinese Club

Visiting Scholars and Speakers

- Cuban visitors Day in Spanish AT Language
- Centro Hispano
- Sara Aroeste, Professional Latino Singer
- Dr. Zhou Xiaoxia (coordinator of Confucius institute of China institute)
- Maria Valentin speaking on US Immigration policy in Spanish 344
- Beth Colleary on making piñatas, marigolds, pan de muertos and Altar for el Día de los muertos

Student International Travel Opportunities

- Paris and Loire Valley, France
- Asia Pacific Youth Leadership Summit (Singapore)
- International Science Research Institute (Singapore)
- Global Learning Alliance - Helsinki, Finland
- East West Center Program For Youth - New Zealand, Hiroshima
- Cambodia
- Others in the past: Costa Rica, etc.

Special Events

- Various Multicultural Festivals and Celebrations at the Elementary Schools
- Human Rights Day at the Middle School
- Global Citizenship Day

STI Courses

- Almanzar Foundation medical mission exploratory trip to the Dominican Republic 10/2018
- Global Networking
- Global Film
- STI China
- STI Provence Feb 2019
- STI Possibly India summer 2019
- STI Reggio Feb

A Walk Through Scarsdale Schools

Global Awareness and Knowledge


THIS IS US ...


398.2 D
The Rough-Face Girl
RAFE MARTIN · DAVID SHANNON
THE KOREAN CINDERELLA
by Shirley Climo
Illustrated by Ruth Heller
Susan Jeffers
Cinderella




EXPLORING COUNTRIES
Israel
EXPLORING COUNTRIES
Egypt
EXPLORING COUNTRIES
Panama
NONFICTION 920 – 940
THE U.S. WASP
Ms. Frizzle's Adventures
ANCIENT EGYPT
JOANNA COLE
BRUCE DEGEN


Make effort. Not an excuse.
Homework
Handouts
Short Stories
Documentary
Poetry
Grammar
Pre-reading questions due WEDNESDAY
[Typed + Printed Out]
If you have a stylus pen → BRING IT!
Tribe
Modern Day
Culture/Traditions
Nouns
Pronouns
Adjectives
Conjunctions
CONVENTIONS
PRESENTATION



Recognize Perspective


ARMA
SYRACUSE


NYC
EMPIRE STATE BUILDING


BALL OUT


PenPal SCHOOLS
LOG IN
A global project-based learning community
Join as a...
Teacher
Student
Admin
Parent
WATCH A VIDEO
The World Through My Eyes
VR Field Trip to Pakistan
Joining Forces for the Environment
A World of Short Stories
Immigration
FABLES, FOLKTALES,
THE AMERICAN REVOLUTION

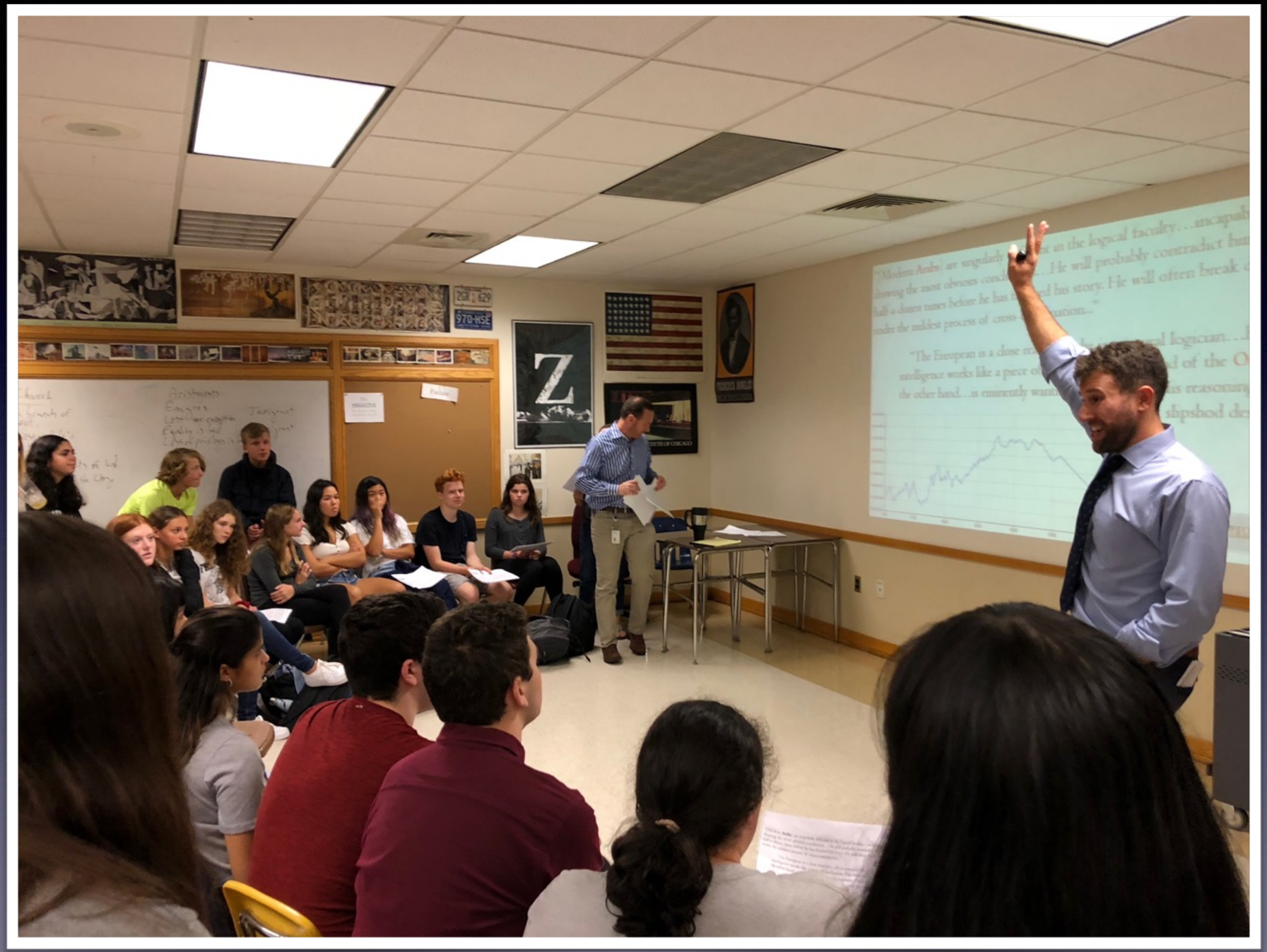
Communicate Ideas


STRONG Narrative Writers
STORY ARC
READ WITH


3
2
1
A
B
C
E
EXIT


CHANNEL 7 NEWS
Claudia Rosenberg, Lola Tirabassi,
Aaron Kahn, and Arthur Kertesz

Take Action


Z


An Intercultural Project on
Wellness and Human Wellbeing

Expanding Global Competencies

- Part of Global Education Benchmark Group -A Consortium of Schools
- Currently assessing our exchange and global education programs for opportunities to expand the experiences of our students

Walking through




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