Student Achievement Results: Parts I, II, & III

October 19, 2017

New Fairfield Public Schools

Dr. Roy, Dr. McKinnon, Mr. Finlayson, Dr. Sanzo, Mrs. Baldelli

Presentations

- Smarter Balanced, SAT/AP (Sept 19)
  - How are we remaining focused on improvement?
  - District Assessment Results 2016-2017 and Plan
- End-of-year and formative assessments (Oct 5) - F&P, STAR

Presentations

- CAPT/CMT Science (Oct 19) - progress and new programs
- Math overview (Nov 16)
- Next Gen Accountability (Jan or Feb)

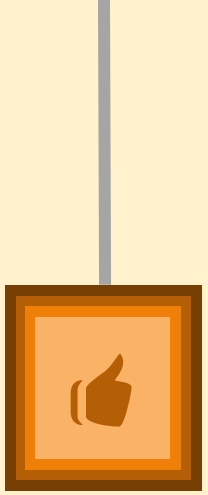
Presentation Outline

3-8 Smarter Balanced Results

High School Assessments

SAT

Advanced Placement (AP)



Steps Taken to Improve

Presentation One: External Assessments

Smarter Balanced

Summative State Assessment that is administered in grades 3-8 on computers

SAT

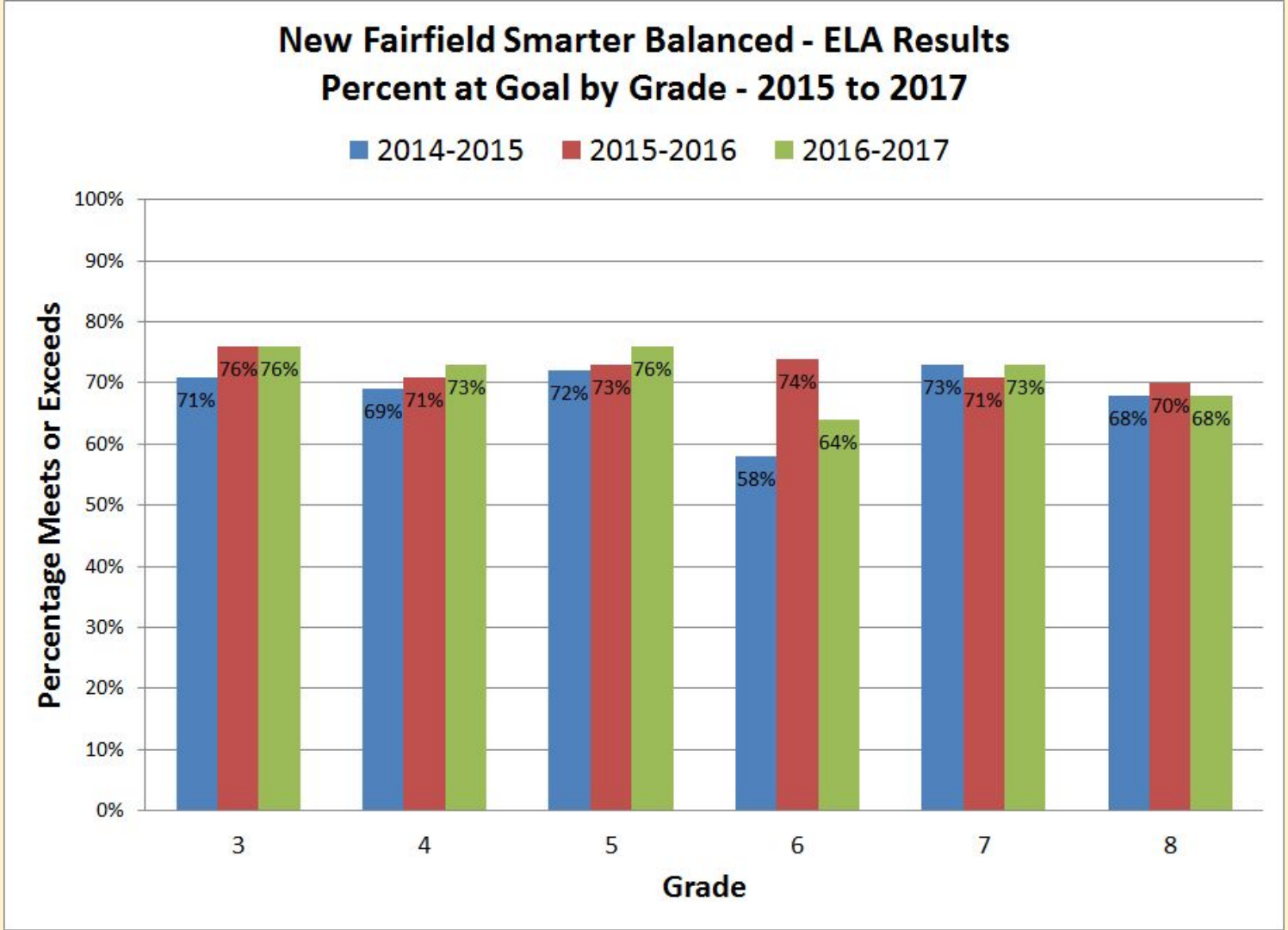
College Readiness assessment that was administered to grade 11 students

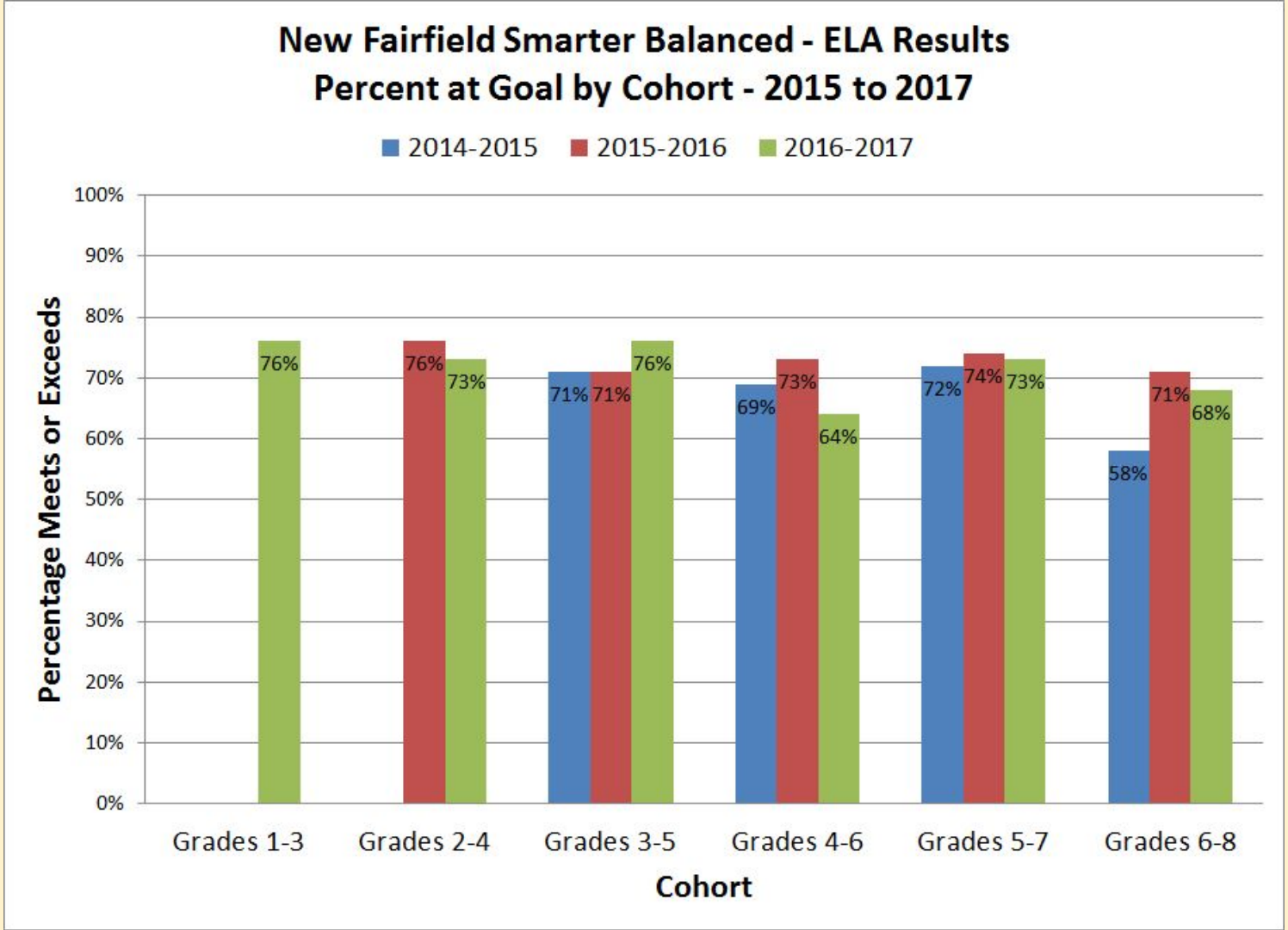
Advanced Placement

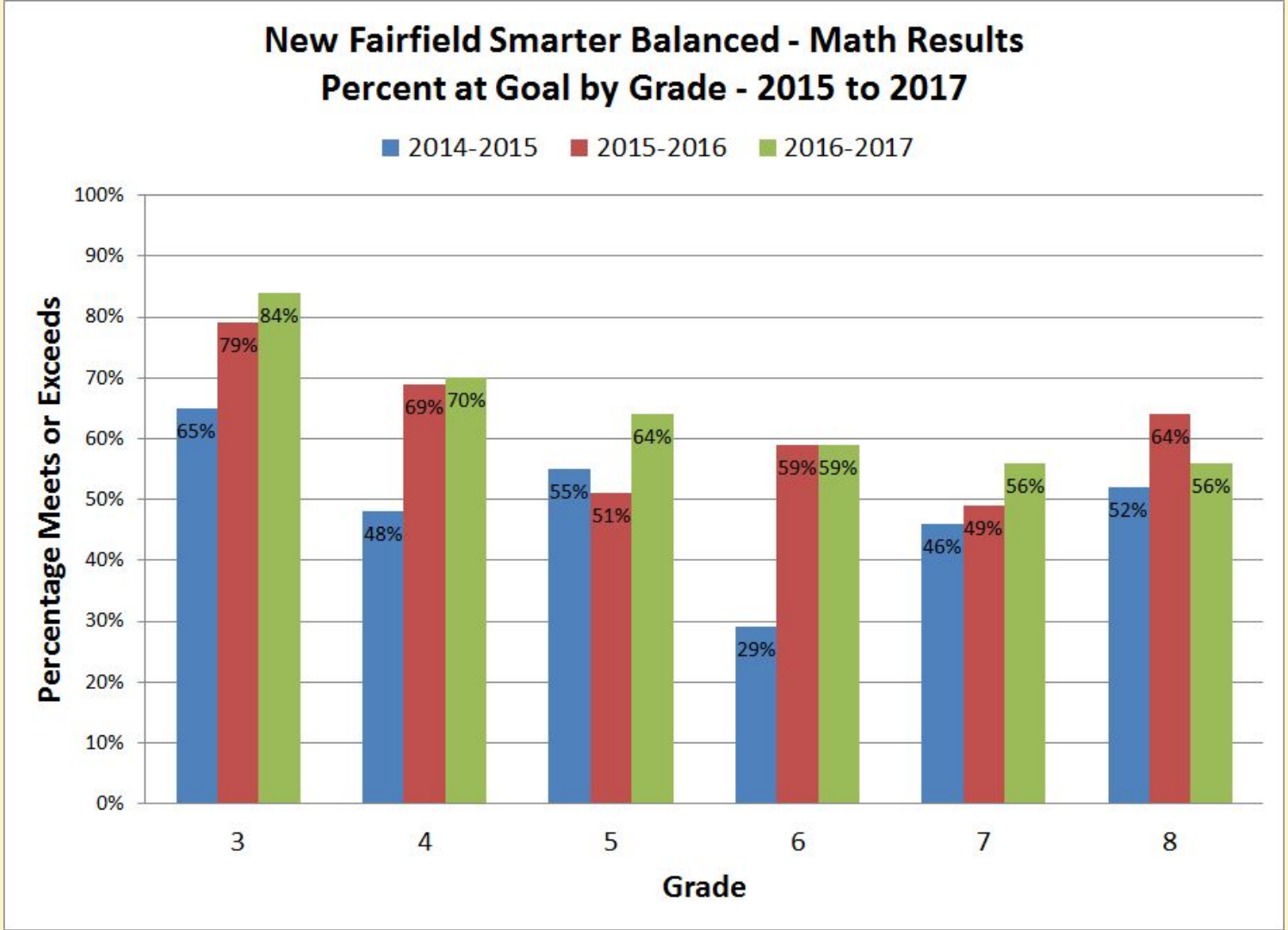
College-level curricula and courses that are offered to high school students for college credit

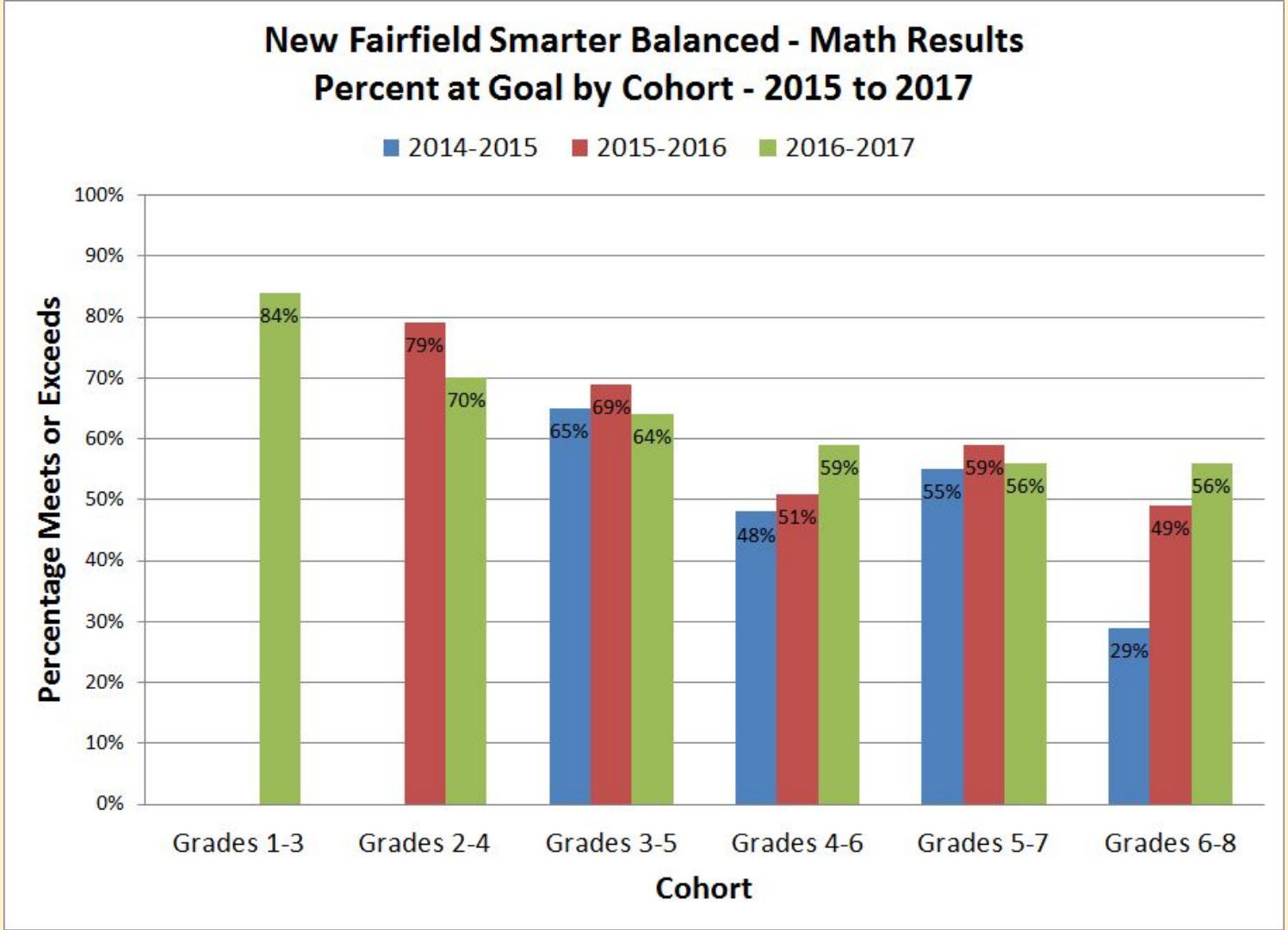
Smarter Balanced Assessments

Grades 3-8

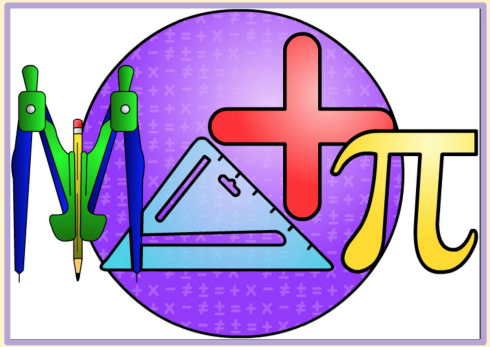

New Fairfield Smarter Balanced - ELA Results
Percent at Goal by Grade - 2015 to 2017
2014-2015
2015-2016
2016-2017
Percentage Meets or Exceeds
100%
90%
80%
70%
60%
50%
40%
30%
20%
10%
0%
71%
76%
76%
69%
71%
73%
72%
73%
76%
58%
74%
64%
73%
71%
73%
68%
70%
68%
3
4
5
6
7
8
Grade


New Fairfield Smarter Balanced - ELA Results
Percent at Goal by Cohort - 2015 to 2017
2014-2015
2015-2016
2016-2017
Percentage Meets or Exceeds
100%
90%
80%
70%
60%
50%
40%
30%
20%
10%
0%
76%
76%
73%
71%
71%
76%
69%
73%
64%
72%
74%
73%
58%
71%
68%
Grades 1-3
Grades 2-4
Grades 3-5
Grades 4-6
Grades 5-7
Grades 6-8
Cohort


New Fairfield Smarter Balanced - Math Results
Percent at Goal by Grade - 2015 to 2017
2014-2015
2015-2016
2016-2017
Percentage Meets or Exceeds
100%
90%
80%
70%
60%
50%
40%
30%
20%
10%
0%
65%
79%
84%
48%
69%
70%
55%
51%
64%
29%
59%
59%
46%
49%
56%
52%
64%
56%
3
4
5
6
7
8
Grade

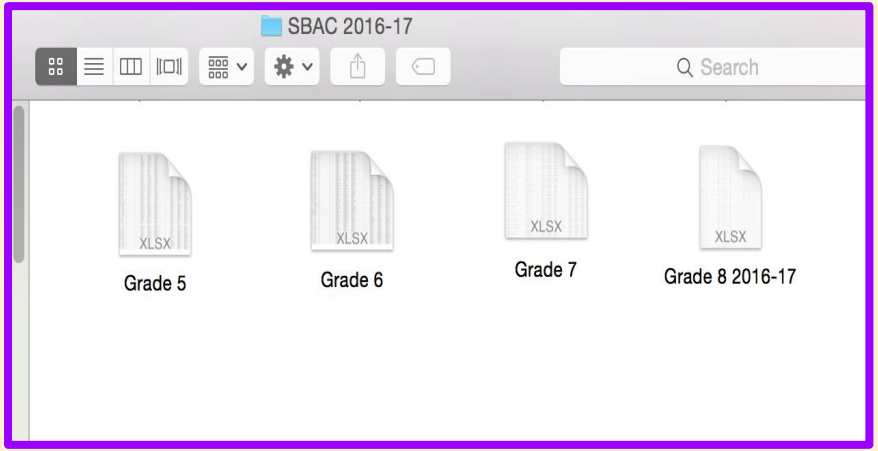

New Fairfield Smarter Balanced - Math Results
Percent at Goal by Cohort - 2015 to 2017
2014-2015
2015-2016
2016-2017
Percentage Meets or Exceeds
100%
90%
80%
70%
60%
50%
40%
30%
20%
10%
0%
84%
79%
70%
65%
69%
64%
48%
51%
59%
55%
59%
56%
29%
49%
56%
Grades 1-3
Grades 2-4
Grades 3-5
Grades 4-6
Grades 5-7
Grades 6-8
Cohort

Our 3rd grade math scores on the Smarter Balanced Assessment, with 84% of the students meeting or exceeding the standard, are the **9th highest in the state**!

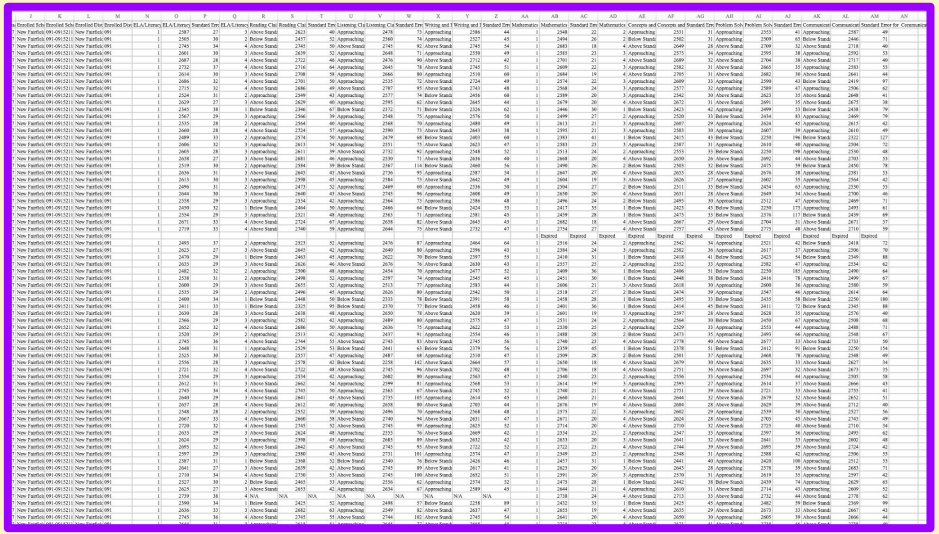


SBAC Data Summer work

Step 1:

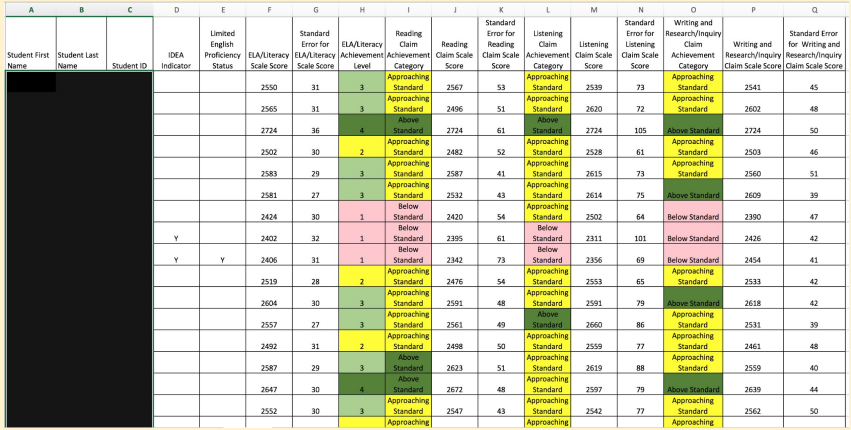


Step 2: Clean-up spreadsheet



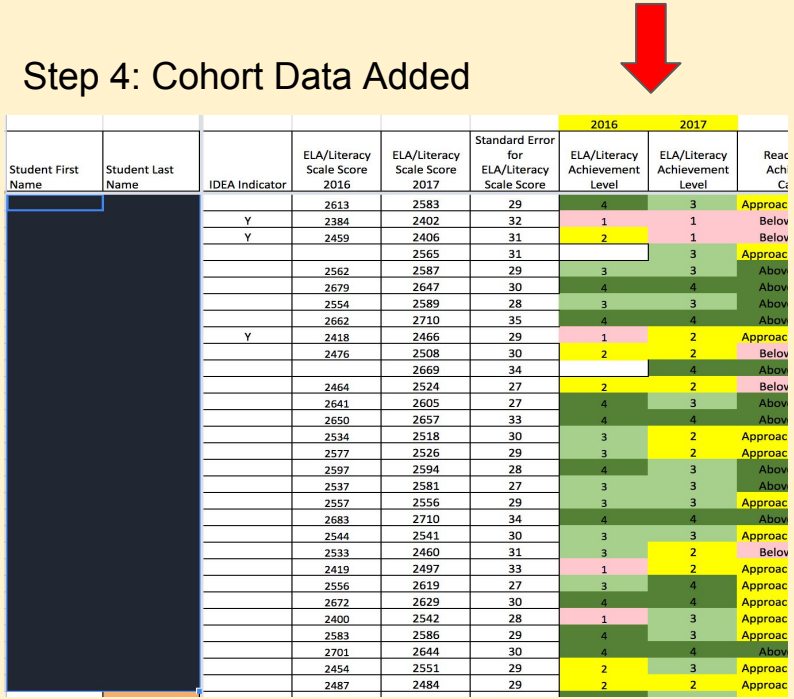
Formatted Data

Step 3: Data formatted and color coated



A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
Student First Name	Student Last Name	Student ID	IDEA Indicator	Limited English Proficiency Status	ELA/Literacy Scale Score	Standard Error for ELA/Literacy Scale Score	ELA/Literacy Achievement Level	Reading Claim Achievement Category	Reading Claim Scale Score	Standard Error for Reading Claim Scale Score	Listening Claim Achievement Category	Listening Claim Scale Score	Standard Error for Listening Claim Scale Score	Writing and Research/Inquiry Claim Achievement Category	Writing and Research/Inquiry Claim Scale Score	Standard Error for Writing and Research/Inquiry Claim Scale Score
[redacted]					2550	31	3	Approaching Standard	2567	53	Approaching Standard	2539	73	Approaching Standard	2541	45
					2565	31	3	Approaching Standard	2496	51	Approaching Standard	2620	72	Approaching Standard	2602	48
					2724	36	4	Above Standard	2724	61	Above Standard	2724	105	Above Standard	2724	50
					2502	30	2	Approaching Standard	2482	52	Approaching Standard	2528	61	Approaching Standard	2503	46
					2583	29	3	Approaching Standard	2587	41	Approaching Standard	2615	73	Approaching Standard	2560	51
					2581	27	3	Approaching Standard	2532	43	Approaching Standard	2614	75	Above Standard	2609	39
					2424	30	1	Below Standard	2420	54	Approaching Standard	2502	64	Below Standard	2390	47
			Y		2402	32	1	Below Standard	2395	61	Below Standard	2311	101	Below Standard	2426	42
			Y	Y	2406	31	1	Below Standard	2342	73	Below Standard	2356	69	Below Standard	2454	41
					2519	28	2	Approaching Standard	2476	54	Approaching Standard	2553	65	Approaching Standard	2533	42
					2604	30	3	Approaching Standard	2591	48	Approaching Standard	2591	79	Above Standard	2618	42
					2557	27	3	Approaching Standard	2561	49	Above Standard	2660	86	Approaching Standard	2531	39
					2492	31	2	Approaching Standard	2498	50	Approaching Standard	2559	77	Approaching Standard	2461	48
					2587	29	3	Above Standard	2623	51	Approaching Standard	2619	88	Approaching Standard	2559	40
					2647	30	4	Above Standard	2672	48	Approaching Standard	2597	79	Above Standard	2639	44
					2552	30	3	Approaching Standard	2547	43	Approaching Standard	2542	77	Approaching Standard	2562	50
								Approaching			Approaching			Approaching		

Step 4: Cohort Data Added



						2016	2017	
Student First Name	Student Last Name	IDEA Indicator	ELA/Literacy Scale Score 2016	ELA/Literacy Scale Score 2017	Standard Error for ELA/Literacy Scale Score	ELA/Literacy Achievement Level	ELA/Literacy Achievement Level	Reac Ach Ca
[redacted]			2613	2583	29	4	3	Approac
		Y	2384	2402	32	1	1	Belov
		Y	2459	2406	31	2	1	Belov
				2565	31		3	Approac
			2562	2587	29	3	3	Abov
			2679	2647	30	4	4	Abov
			2554	2589	28	3	3	Abov
			2662	2710	35	4	4	Abov
		Y	2418	2466	29	1	2	Approac
			2476	2508	30	2	2	Belov
				2669	34		4	Abov
			2464	2524	27	2	2	Belov
			2641	2605	27	4	3	Abov
			2650	2657	33	4	4	Abov
			2534	2518	30	3	2	Approac
			2577	2526	29	3	2	Approac
			2597	2594	28	4	3	Abov
			2537	2581	27	3	3	Abov
			2557	2556	29	3	3	Approac
			2683	2710	34	4	4	Abov
			2544	2541	30	3	3	Approac
			2533	2460	31	3	2	Belov
			2419	2497	33	1	2	Approac
			2556	2619	27	3	4	Approac
			2672	2629	30	4	4	Approac
			2400	2542	28	1	3	Approac
			2583	2586	29	4	3	Approac
			2701	2644	30	4	4	Abov
			2454	2551	29	2	3	Approac
			2487	2484	29	2	2	Approac

Data Analysis

Growth Data examined:

	Increase	Decrease	1-2	1-3	1-4	2-3	2-4	3-4	4-3	4-2	3-2	3-1	2-1
Reading	32	33	6	2		9		14	18		8	4	3
Math	27	25	5			6	3	13	6		12	2	5

Teachers added:

Previous Year

SS	ELA	Student First Name	Student Last Name	IDEA Indicator	ELA/Literacy Scale Score 2016	ELA/Lite Scale Sc 2017
Braddock	Olivieri	[redacted]			2613	2583
Braddock	Olivieri			Y	2384	2402
Braddock	Olivieri			Y	2459	2406
Braddock	Olivieri					2565
Braddock	Olivieri				2562	2587
Braddock	Olivieri				2679	2647
Braddock	Olivieri				2554	2585
Braddock	Olivieri				2662	2710
Braddock	Olivieri			Y	2418	2466
Braddock	Olivieri				2476	2508
Braddock	Olivieri					2665
Braddock	Olivieri				2464	2524
Braddock	Olivieri				2641	2605
Braddock	Olivieri				2650	2657
Braddock	Olivieri				2534	2518
Braddock	Olivieri				2577	2526
Braddock	Olivieri				2597	2594
Braddock	Olivieri				2537	2581
Braddock	Olivieri				2557	2556
Braddock	Olivieri				2683	2710
Braddock	Olivieri				2544	2541
Braddock	Olivieri				2533	2460
Braddock	Olivieri				2419	2497
Braddock	Olivieri				2556	2615
Braddock	Olivieri				2672	2625
Braddock	Olivieri				2400	2542
Braddock	Olivieri				2583	2586
Braddock	Olivieri				2701	2644
Braddock	Olivieri				2454	2551
Braddock	Olivieri				2487	2484

Current Year

	Student First Name	Student Last Name	Student ID	IDEA Indicator	Limited English Proficiency Status	Mathematics Scale Score 2016	Mathemati Scale Scor 2017
Blue	[redacted]					2621	2687
Blue						2722	2614
Blue						2618	2715
Blue				Y		2380	2345
Blue							2535
Blue						2587	2638
Blue						2542	2613
Blue						2437	2496
Blue						2539	2644
Blue						2538	2558
Blue				Y		2537	2450
Blue						2646	2671
Blue						2643	2719
Blue							
Blue						2620	2623
Blue						2451	2482
Blue						2519	2538
Blue						2651	2745
Blue						2582	2554
Blue						2590	2612
Blue						2676	2745
Blue						2582	2640
Blue						2589	2657
Blue						2653	2667
Blue						2646	2720
Blue							2635
Blue							2624
Blue					Y	2388	2387

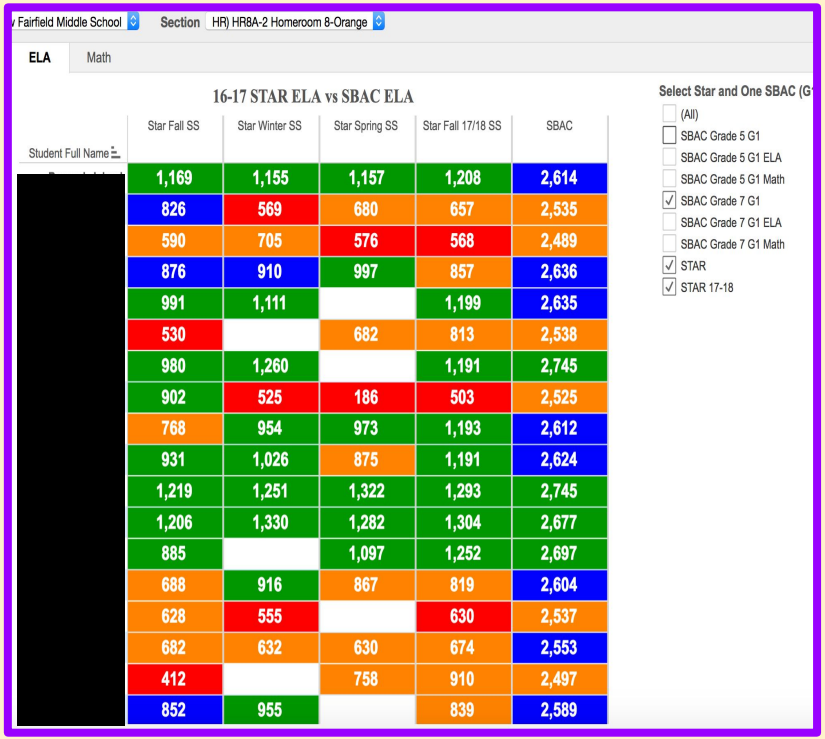
First Day of 17-18

Team Google folders:

- 6-Green 2017-18
- 6-Yellow 2017-18
- 7-Blue 2017-18
- 7-Red 2017-18
- 8-Orange 2017-18
- 8-Purple 2017-18

Content in folders:

Data Dashboard



Fairfield Middle School | Section: HR) HR8A-2 Homeroom 8-Orange

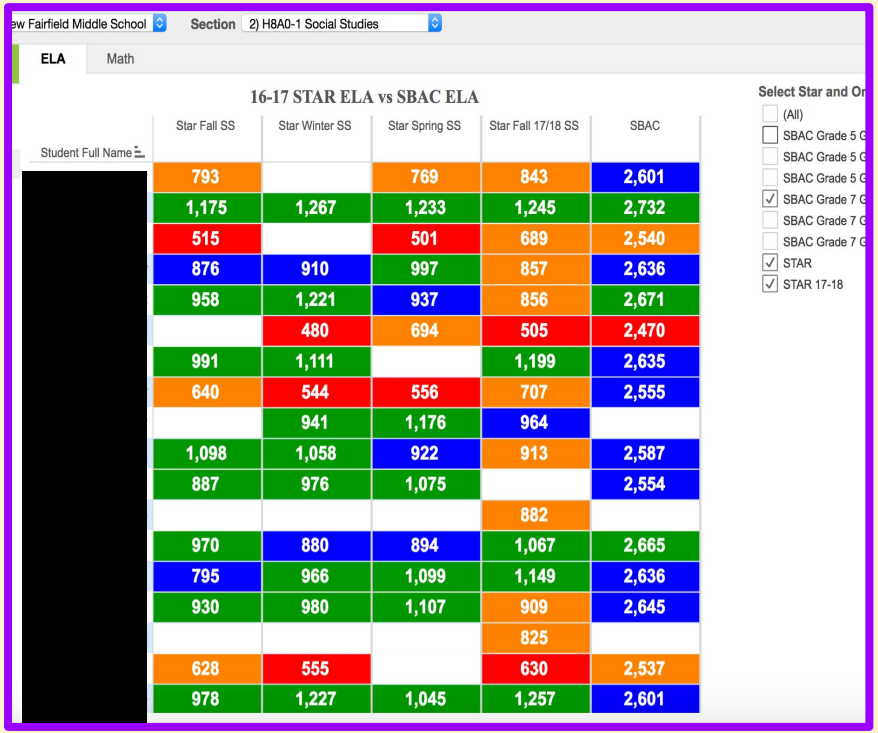
ELA | Math

16-17 STAR ELA vs SBAC ELA

Student Full Name	Star Fall SS	Star Winter SS	Star Spring SS	Star Fall 17/18 SS	SBAC
[redacted]	1,169	1,155	1,157	1,208	2,614
	826	569	680	657	2,535
	590	705	576	568	2,489
	876	910	997	857	2,636
	991	1,111		1,199	2,635
	530		682	813	2,538
	980	1,260		1,191	2,745
	902	525	186	503	2,525
	768	954	973	1,193	2,612
	931	1,026	875	1,191	2,624
	1,219	1,251	1,322	1,293	2,745
	1,206	1,330	1,282	1,304	2,677
	885		1,097	1,252	2,697
	688	916	867	819	2,604
	628	555		630	2,537
	682	632	630	674	2,553
	412		758	910	2,497
	852	955		839	2,589

Select Star and One SBAC (G

- (All)
- SBAC Grade 5 G1
- SBAC Grade 5 G1 ELA
- SBAC Grade 5 G1 Math
- SBAC Grade 7 G1
- SBAC Grade 7 G1 ELA
- SBAC Grade 7 G1 Math
- STAR
- STAR 17-18



ew Fairfield Middle School | Section: 2) H8A0-1 Social Studies

ELA | Math

16-17 STAR ELA vs SBAC ELA

Student Full Name	Star Fall SS	Star Winter SS	Star Spring SS	Star Fall 17/18 SS	SBAC
[redacted]	793		769	843	2,601
	1,175	1,267	1,233	1,245	2,732
	515		501	689	2,540
	876	910	997	857	2,636
	958	1,221	937	856	2,671
		480	694	505	2,470
	991	1,111		1,199	2,635
	640	544	556	707	2,555
		941	1,176	964	
	1,098	1,058	922	913	2,587
	887	976	1,075		2,554
				882	
	970	880	894	1,067	2,665
	795	966	1,099	1,149	2,636
	930	980	1,107	909	2,645
				825	
	628	555		630	2,537
	978	1,227	1,045	1,257	2,601

Select Star and Or

- (All)
- SBAC Grade 5 G
- SBAC Grade 5 G
- SBAC Grade 5 G
- SBAC Grade 7 G
- SBAC Grade 7 G
- SBAC Grade 7 G
- STAR
- STAR 17-18

Interpreting summative assessment data

[Grade 7 ELA]

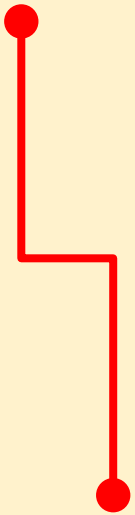
Target Report Interpretation Chart

		Relative to Overall Performance		
		-	=	+
Relative to (Minimum Overall) Proficiency	-	Worse than expected and below the proficiency standard	As expected but below the proficiency standard	Better than expected but below the proficiency standard
	=	Worse than expected but near the proficiency standard	As expected and near the proficiency standard	Better than expected but near the proficiency standard
	+	Worse than expected but above the proficiency standard	As expected but above the proficiency standard	Better than expected and above the proficiency standard

DRG & New Fairfield Comparison

ELA Results (2014-15)

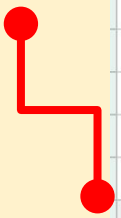
ELA	
	2014-2015
Monroe	84.6
Avon	82.3
Simsbury	79.9
Guilford	79.9
Orange	79.6
District No. 15	78.8
Cheshire	78.4
Farmington	78.1
Greenwich	77.8
Glastonbury	77.7
DRG AV	75.6
Granby	75
Newtown	74.8
Madison	74.8
Fairfield	74.3
Woodbridge	72.9
West Hartford	72.3
Trumbull	71
South Windsor	71
Brookfield	70.3
District No. 5	69.3
New Fairfield	65.8



DRG & New Fairfield Comparison

ELA Results (2016-2017)

ELA	
	2016-17
Trumbull	81.4
Simsbury	80.3
Avon	80.2
Monroe	80
Farmington	79
District No. 5	78.5
Guilford	78.1
Glastonbury	77.1
Cheshire	76.9
Woodbridge	76.4
District No. 15	76.3
Greenwich	75.6
DRG AV	75.3
South Windsor	75
Fairfield	74.5
Orange	74
Granby	73.5
New Fairfield	71.8
West Hartford	71
Newtown	70.2
Madison	66.9
Brookfield	65.8



DRG & New Fairfield Comparison

Math Results (2014-15)

Math	
District Name	2014-2015
Avon	72.4
Glastonbury	67
Orange	64.9
Simsbury	64.8
Guilford	63.8
Farmington	63.8
Greenwich	63.8
South Windsor	61.4
Woodbridge	61.1
DRG AV	60.7
Granby	60.7
Trumbull	60.4
Fairfield	59.8
Madison	59.8
Monroe	59.7
Newtown	59.6
District No. 15	59.4
Cheshire	58.5
Brookfield	56.7
District No. 5	55.5
West Hartford	54.7
New Fairfield	46.2

DRG & New Fairfield Comparison

Math Results (2016-2017)

Math	
District Name	2016-17
Trumbull	77.3
Guilford	75.6
Avon	73.9
Farmington	73.7
Glastonbury	73.6
Woodbridge	71.6
District No. 5	70.9
Greenwich	70.7
South Windsor	69.7
Orange	69.5
Simsbury	69.3
Monroe	69.1
District No. 15	69
DRG AV	68.9
Newtown	68.3
Fairfield	67.9
Cheshire	66.5
New Fairfield	64.1
Madison	62.6
Granby	62.5
Brookfield	61.3
West Hartford	61.1

Smarter Balanced Improvements Needed

- Identify skills and gaps at the Claim and Target level that need improvement (District Data Team and School Data Teams)
- Use new performance tasks and tools (Claims & Targets > Standards > Report Cards)
- Leverage new tools and practices in the classroom to improve student achievement
- Increase focus of our Professional Learning Communities on student work, which includes conversations of learning progressions and lesson planning

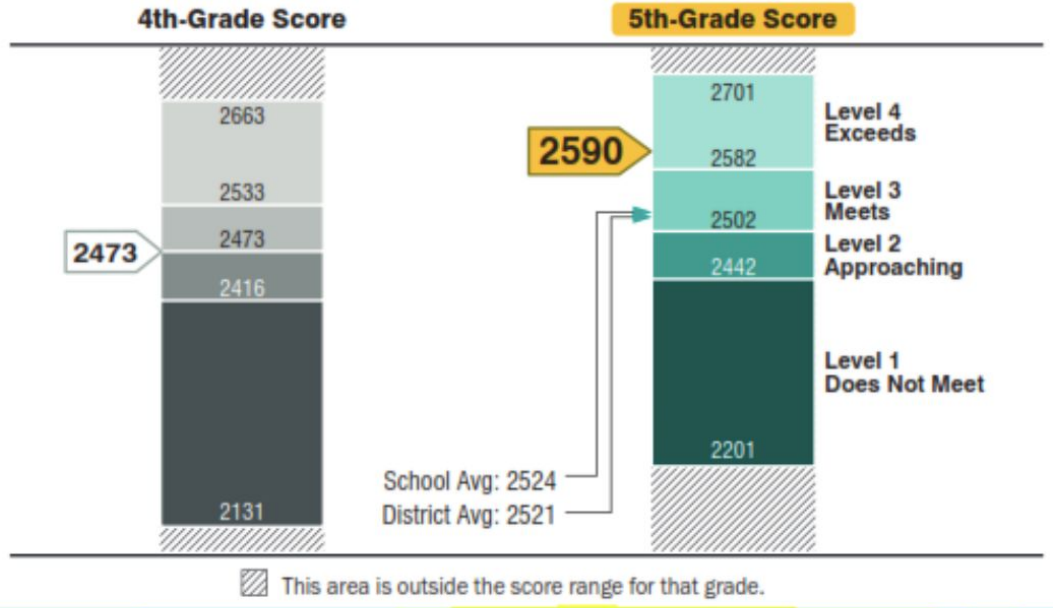
SAMPLE

Jonathan's ELA/Literacy Score for 2017

2590
Level 4
Exceeds

Jonathan has **exceeded the achievement standard** for English language arts and literacy expected for this grade. Students performing at this standard are **demonstrating advanced progress toward mastery** of English language arts and literacy knowledge and skills. Students performing at this standard are on track for likely success in the next grade.

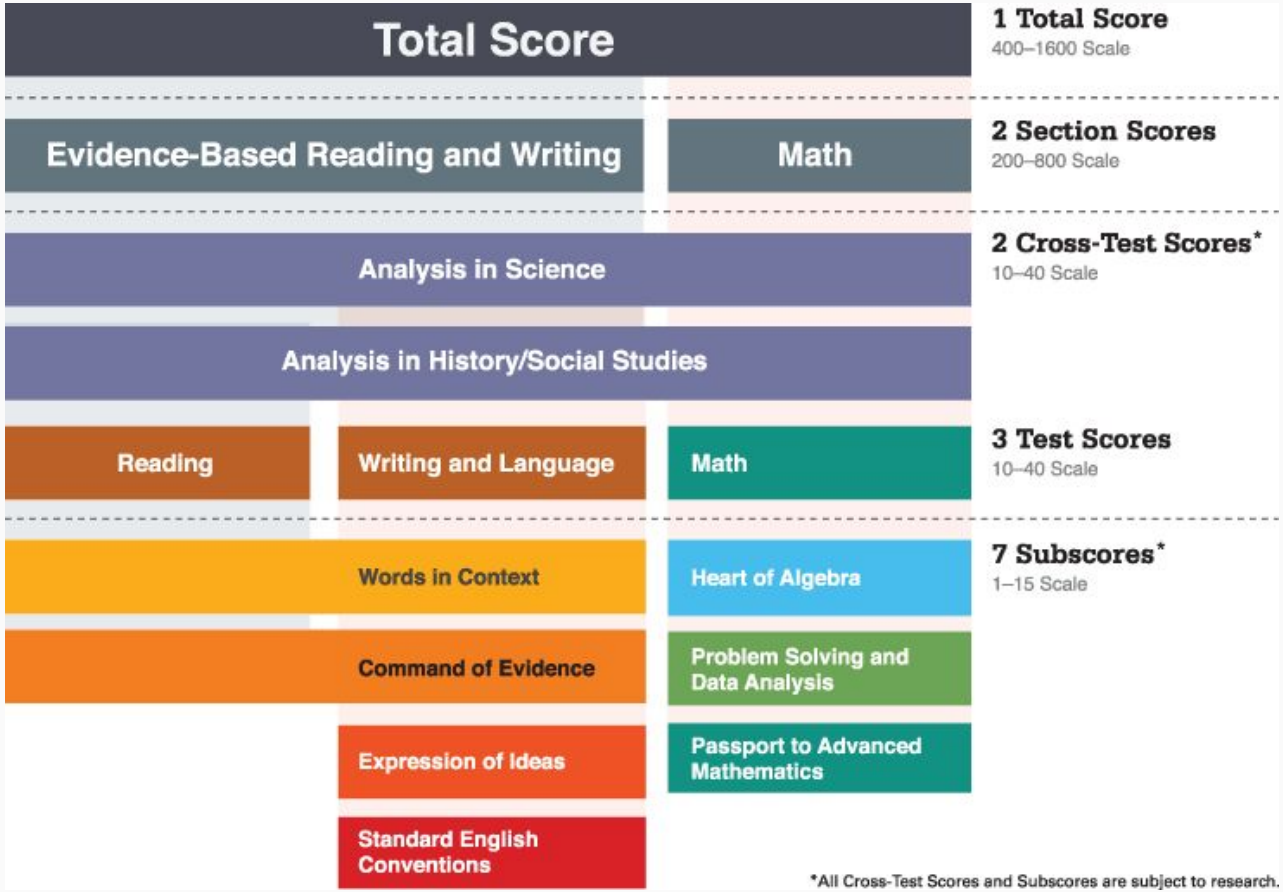
Areas of Knowledge and Skill	Performance
Reading	Above Standard
Listening	Approaching Standard
Writing and Research/Inquiry	Above Standard



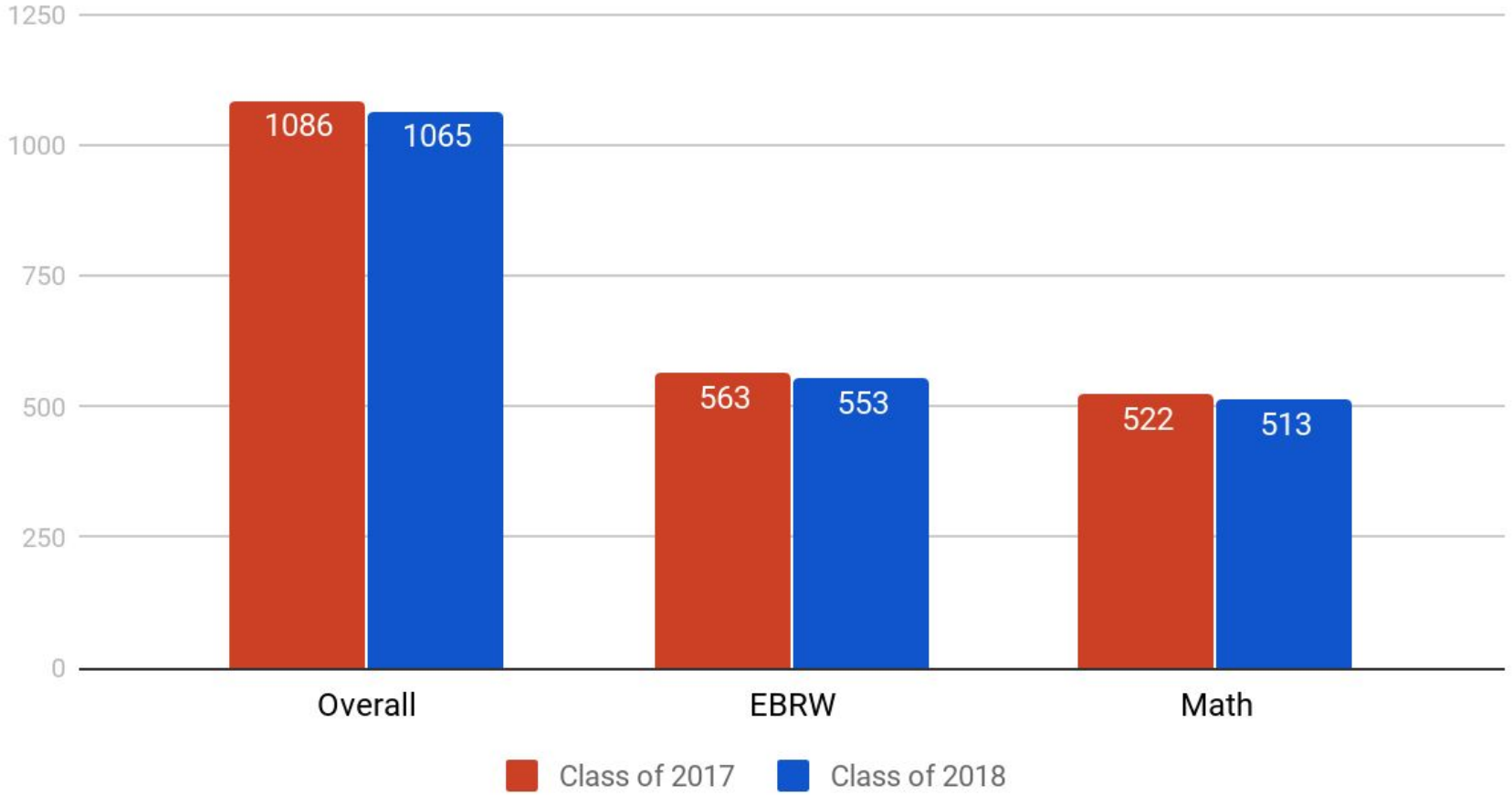
A student's test scores can vary if tests are taken several times. If Jonathan were tested again on ELA/Literacy, the new scale-score would probably fall between 2580 and 2600.

PSAT & SAT Results

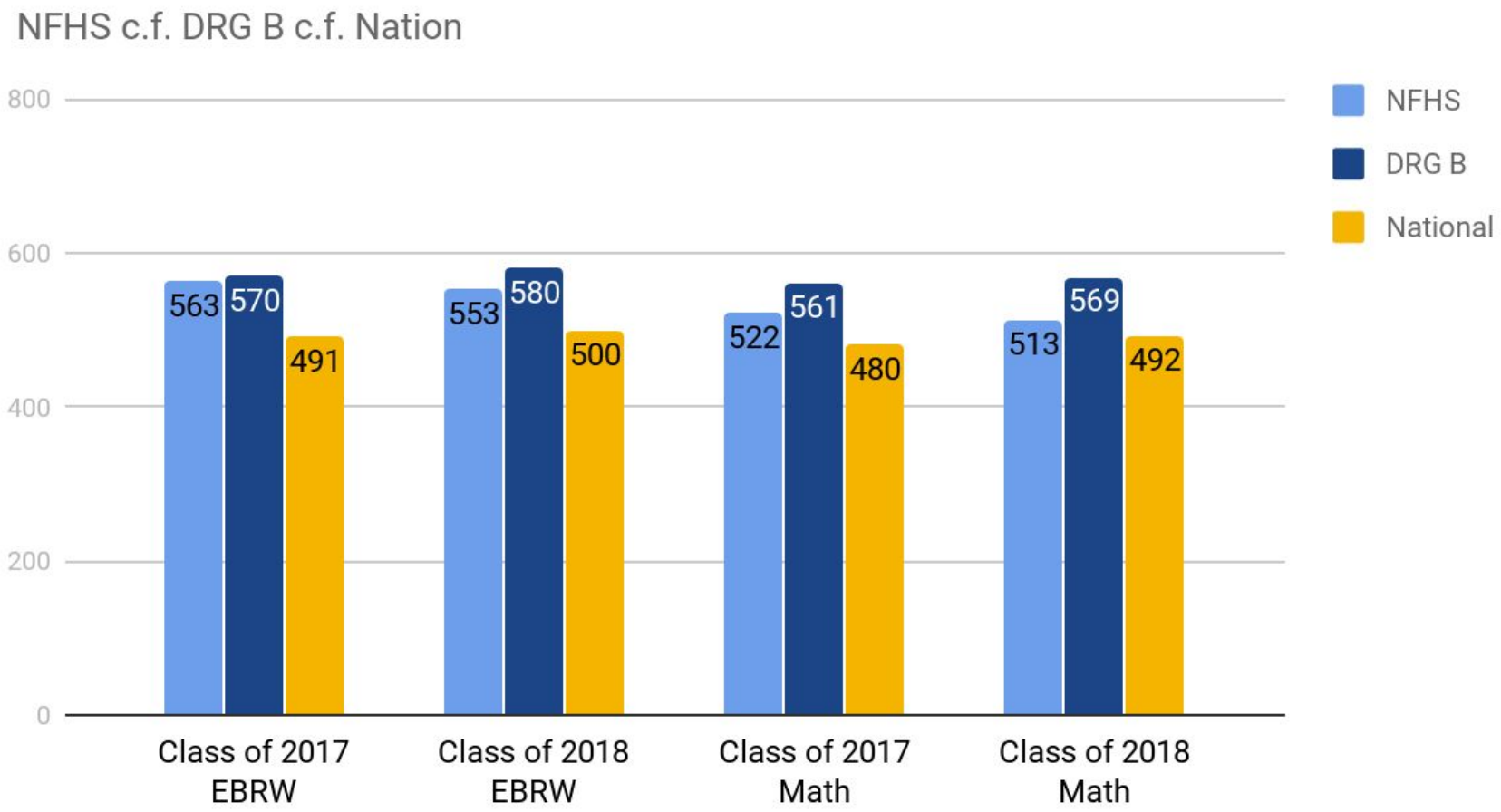
PSAT / SAT Structure



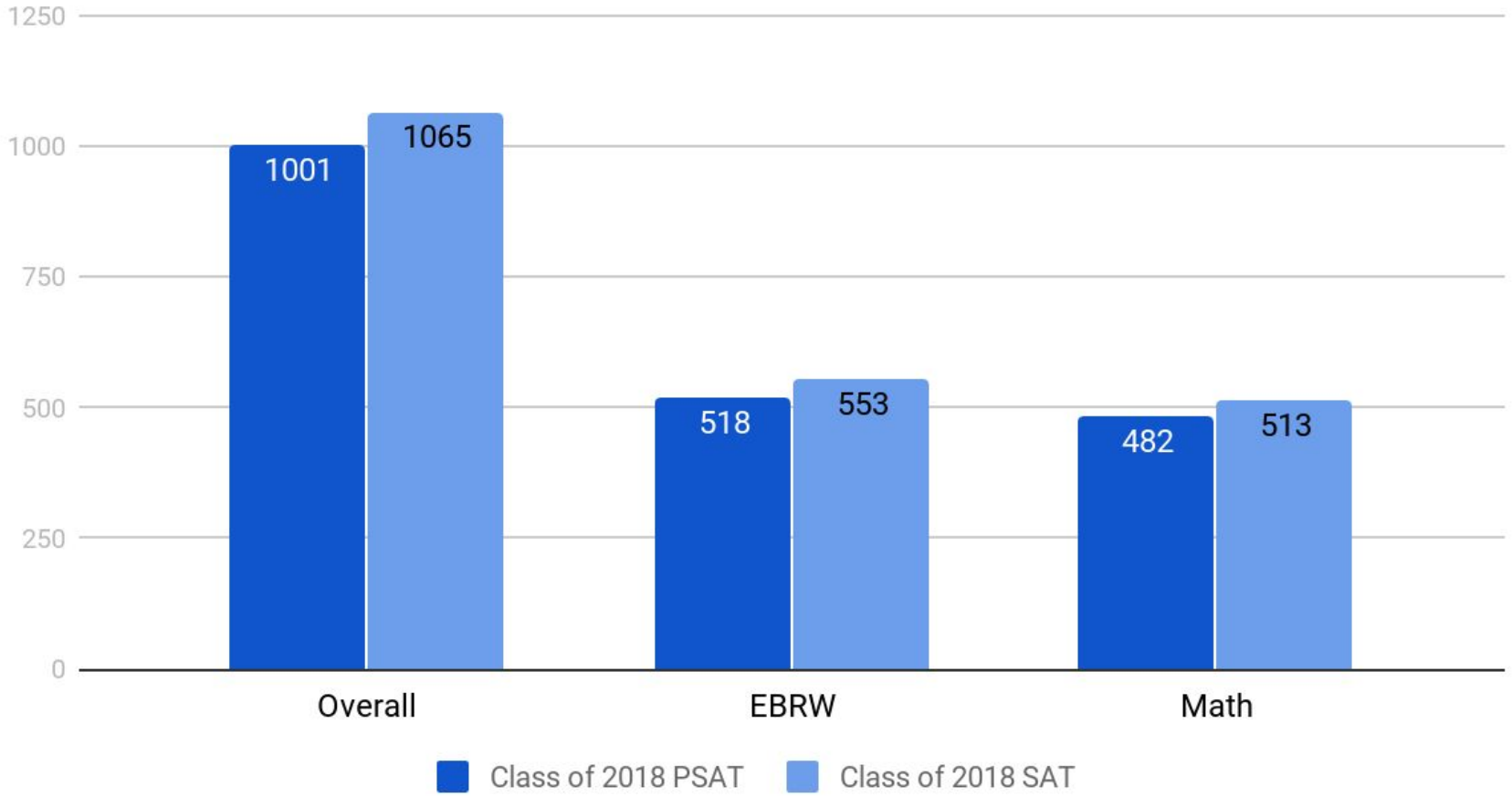
Average SAT Score - Class of 2017 c.f. Class of 2018



SAT Scores


NFHS c.f. DRG B c.f. Nation
800
600
400
200
0
563
570
491
553
580
500
522
561
480
513
569
492
Class of 2017 EBRW
Class of 2018 EBRW
Class of 2017 Math
Class of 2018 Math
NFHS
DRG B
National

Average PSAT c.f. SAT Score - Class of 2018



Steps to PSAT/SAT Improvement

- Administer PSAT to all Grade 9, 10, and 11 students
  - Allows for the monitoring of individual and cohort growth in relation to yearly benchmarks

- Promote Khan Academy partnership to provide individualized support
  - Currently approximately ⅔ of juniors have linked their PSAT scores to Khan Academy

- Continue to disaggregate SAT and PSAT scores to target intervention
  - Analysis suggests need to provide additional practice with *Heart of Algebra*

SAMPLE

Your Scores: Next Steps

Additional skills and improvement suggestions can be found in your online score report.

Reading Test

Your score indicates that you are already likely able to:

- Revise text as needed to improve the exactness or content appropriateness of word choices within somewhat challenging texts
- Retain or add information or ideas to a piece of a text to support claims or points in somewhat challenging text
- Revise somewhat challenging text to ensure that information is presented in the most logical order

Improve your skills by focusing on the following suggestions:

- Retain or add information or ideas to a piece of text to support claims or points in challenging text
- Use a variety of sentence structures to accomplish a rhetorical purpose such as persuading an audience
- Revise text as needed to improve the exactness or content appropriateness of word choices within challenging texts

Writing and Language Test

- Draw reasonable conclusions from somewhat challenging texts
- Describe the overall structure of a somewhat challenging text
- Identify claims and counterclaims explicitly stated in a somewhat challenging passage

- Draw reasonable inferences and logical conclusions from challenging texts
- Analyze information presented quantitatively in such forms as graphs, tables, and charts and relate that information to information presented in somewhat challenging text
- Determine how the selection of specific words shapes meaning and tone in a challenging passage

Math Test

- Interpret a linear inequality in one variable with rational coefficients that represents a context. Select the equation of a line of best fit and interpret the slope and intercept of the line in the context of the situation (when a linear model is appropriate)
- Interpret sample statistics understanding and using margin of error
- Solve and interpret a quadratic function or equation that represents a context and requires multiple steps
- Calculate and interpret frequency distributions using tables and other representational methods

- Determine how a graph may be affected by a change to its equation
- Determine the value of a constant or coefficient for an equation with no solution or infinitely many solutions
- Using a specified model, make a prediction and compare the predicted values with the actual values in the data set
- Within a context, compare the center of two separate data sets with different spreads
- Determine whether two events are independent given their probabilities

Steps to PSAT/SAT Improvement

- Provide professional learning for all faculty on instructional strategies and key shifts to the SAT to outline best practices that will be embedded into lessons

- Support professional learning through the College Board on specific content-area strategies to improve scores

- Support from administrators and department chairs who will provide feedback on incorporating identified strategies

Rebel U

- Structured mini-lessons
  - Emphasis on specific reading, writing, and math **skills**
    - Isolated skills are modeled, students supported through guided practice
    - Students demonstrate the skill through independent practice with SAT-style items featuring SAT question stems
    - Students receive feedback through correct answer rationale

- Strategies and key academic language

- Wording and structure of prompts and problems bring the lexicon of the SAT into the classroom

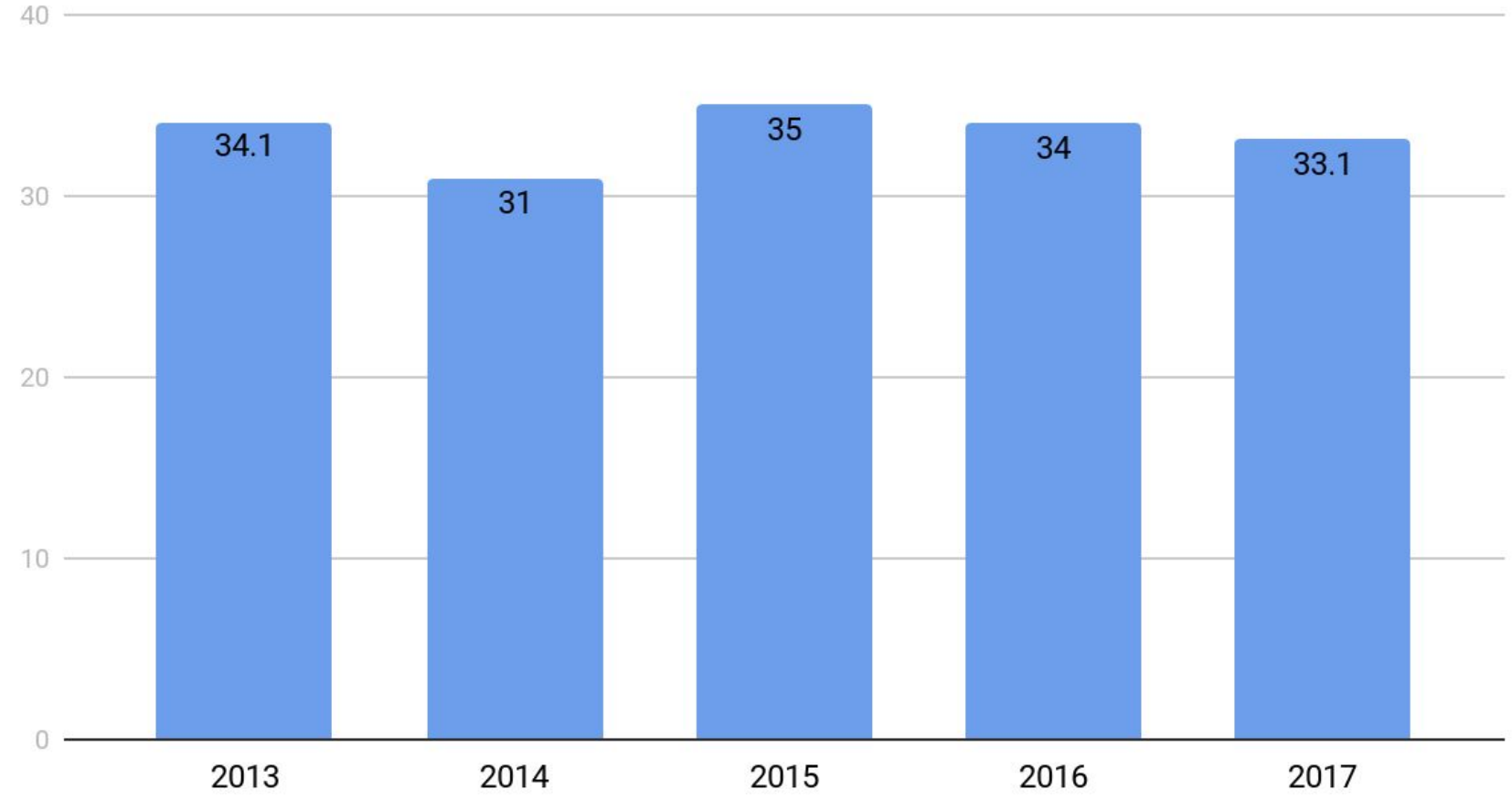
- Skills relevant to classroom instruction

Rebel U

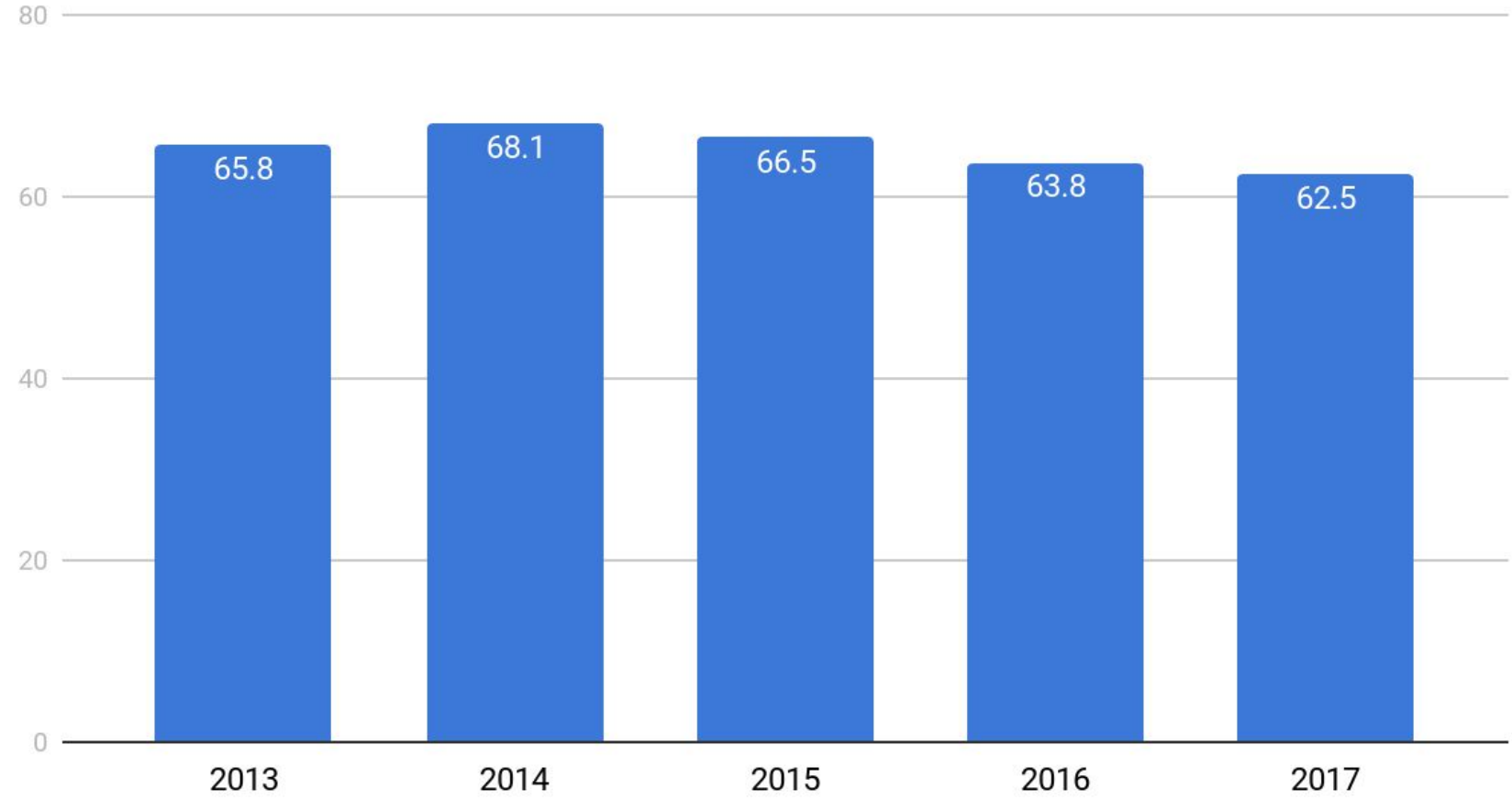
- Materials allocated among English, Social Studies, Science, and Math departments
  - Materials dispersed by grade level to prevent repetition
  - Allows for multiple teachers and departments to participate in Rebel U
- Yearlong initiative, all four grades
- Teacher feedback will help to improve the design & implementation of Rebel U
- Reading Seminar, Math Seminar, & Writing Seminar will reinforce skills
- Opportunities for teachers to use skills practice for personalized learning and small group learning

Advanced Placement

AP Exam Participation Rate (Grade 10 -12)



% of AP Students with Scores 3+



Steps to AP Improvement

- Made course syllabus adjustments using disaggregated data from AP scores
  - All courses are audited annually by the College Board
  - Examples include AP European History, Chemistry, and English Language who reworked course structure
- Continue to send teachers to AP training and scoring
  - Pilot an AP mentor program
  - Three teachers attended summer AP intensive institutes
- Analyze vertical alignment of Pre-AP courses to identify areas of growth
- Expanding Access: Use AP Potential, a research-driven tool based on PSAT scores, to identify AP students and help students choose the AP courses that most interest them

Part II: District Assessments

Formative and Benchmarks

Formative assessment

Classroom formative assessment is best positioned to help improve learning.

Well-designed classroom formative assessment focuses information on the growing edge of learning.

Examples include:

- Writing on-demand assessments
- Reading Performance Tasks
- Writing and Reading Checklists
- Math Problem Solving and End of Module Assessments

District Assessments

Formative and Benchmarks

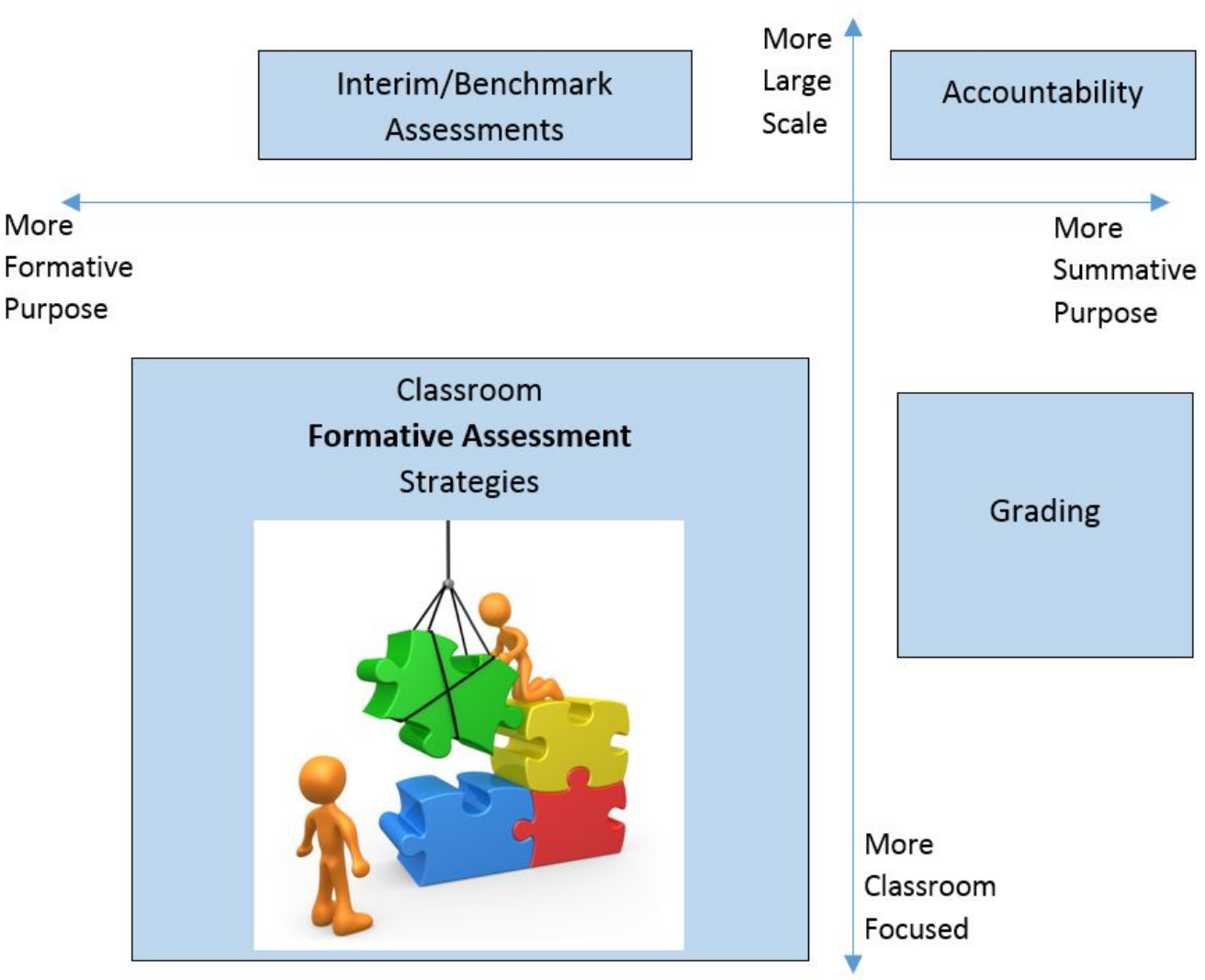
Examples Include:

- Fountas and Pinnell Assessments
- STAR
- Letter ID & Sound
- Developmental Spelling Inventory
- Sight words
- Phoneme Segmentation
- Fluency

Benchmark assessments

Benchmark assessments emphasize instructional adjustments. These check-points are used to inform instruction, predict future achievement and evaluate curriculum.

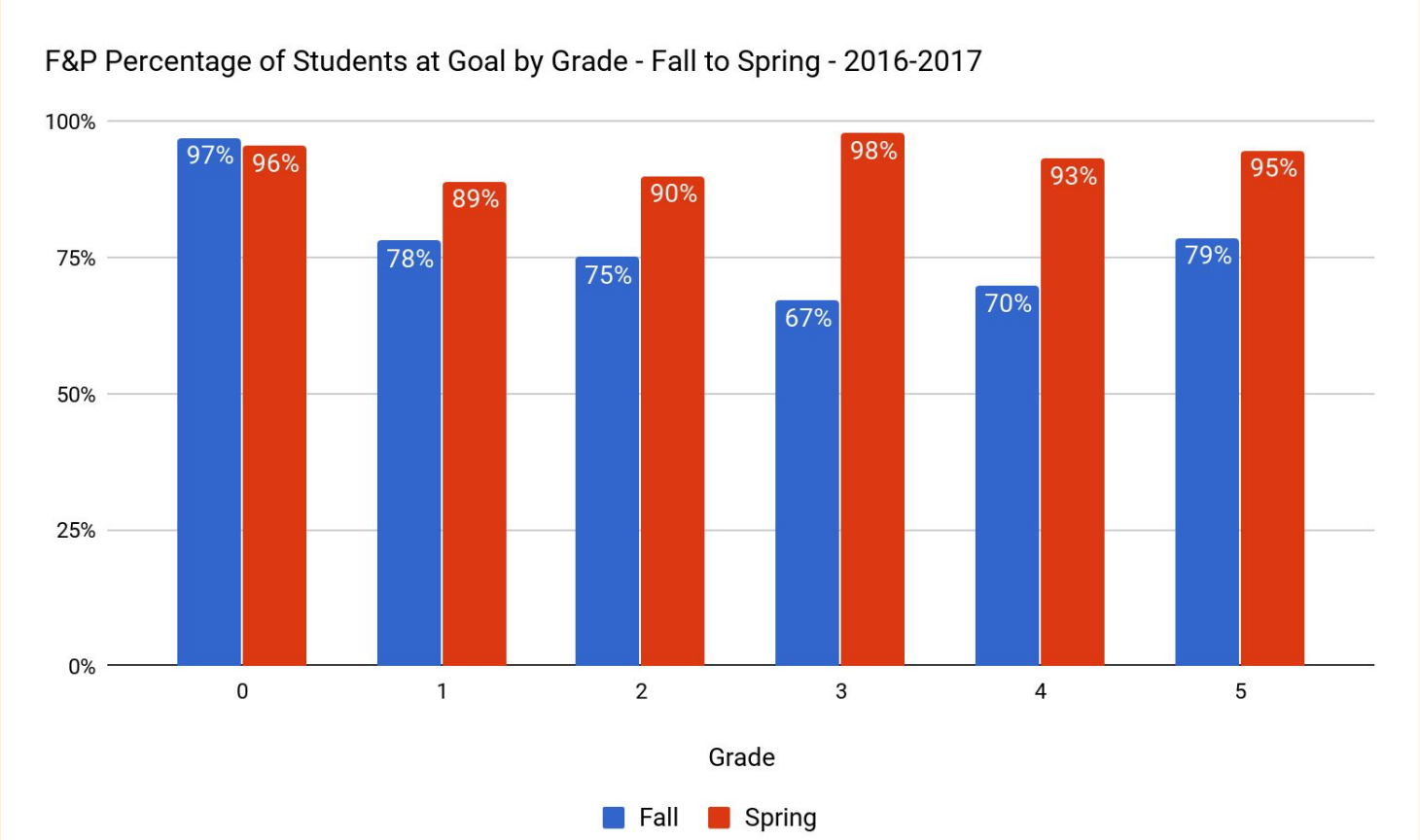
Assessments and Accountability: The Continuum



Fountas and Pinnell

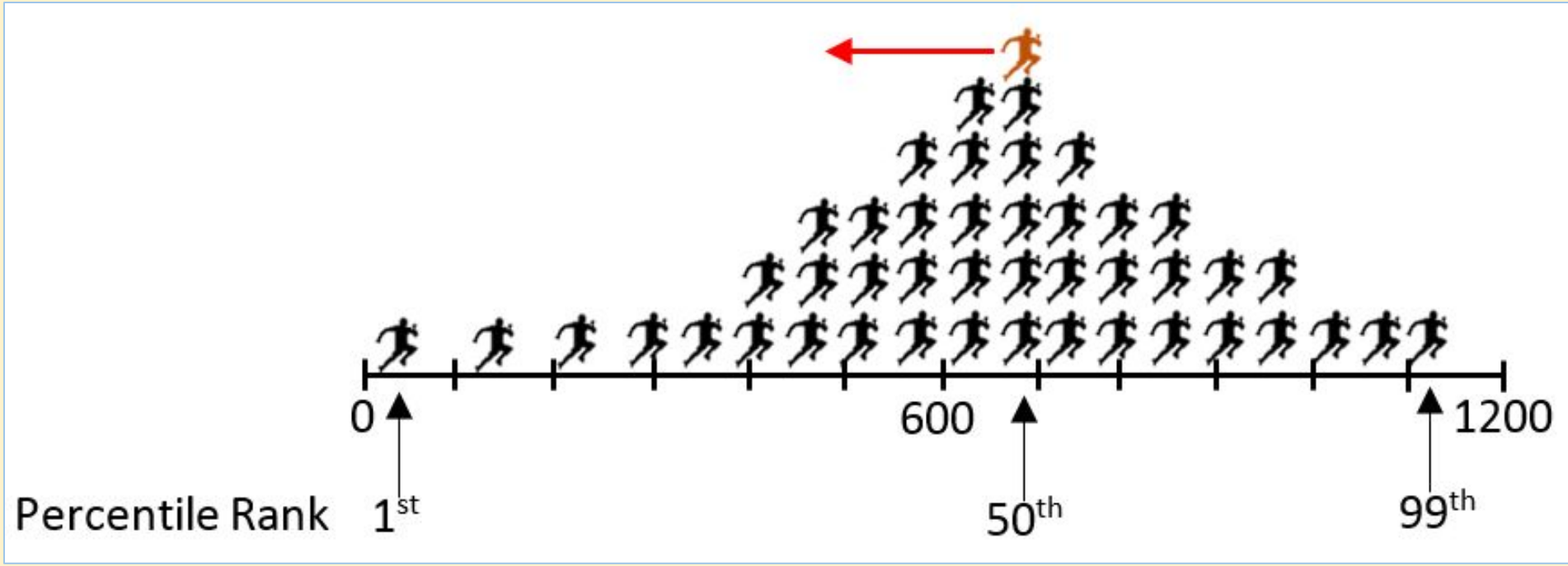
Benchmark Assessment System

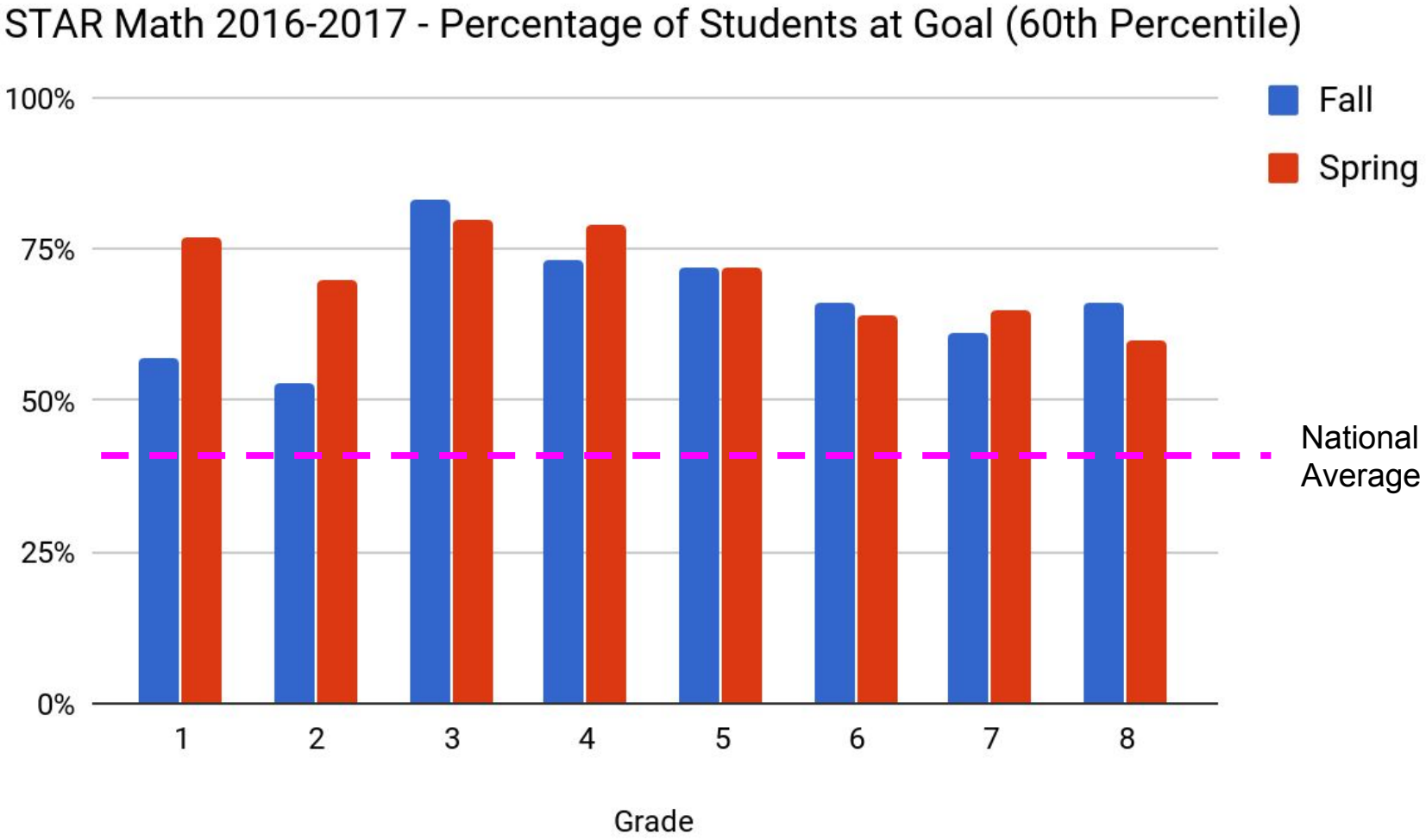
K-5 BAS (Benchmark Assessment System) Data



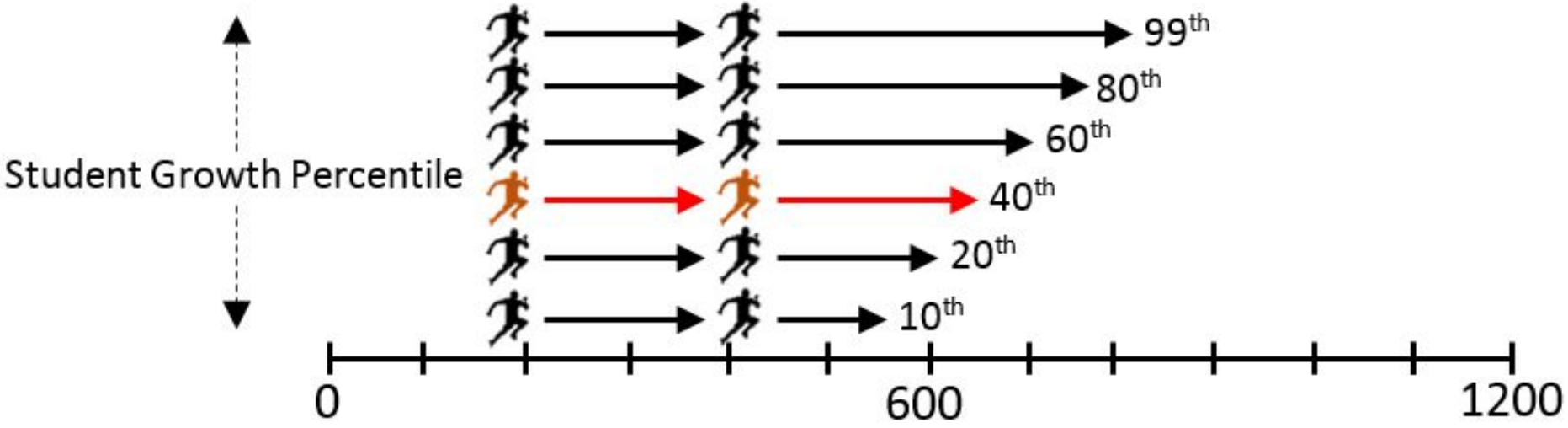
STAR Math

Percentile Rank

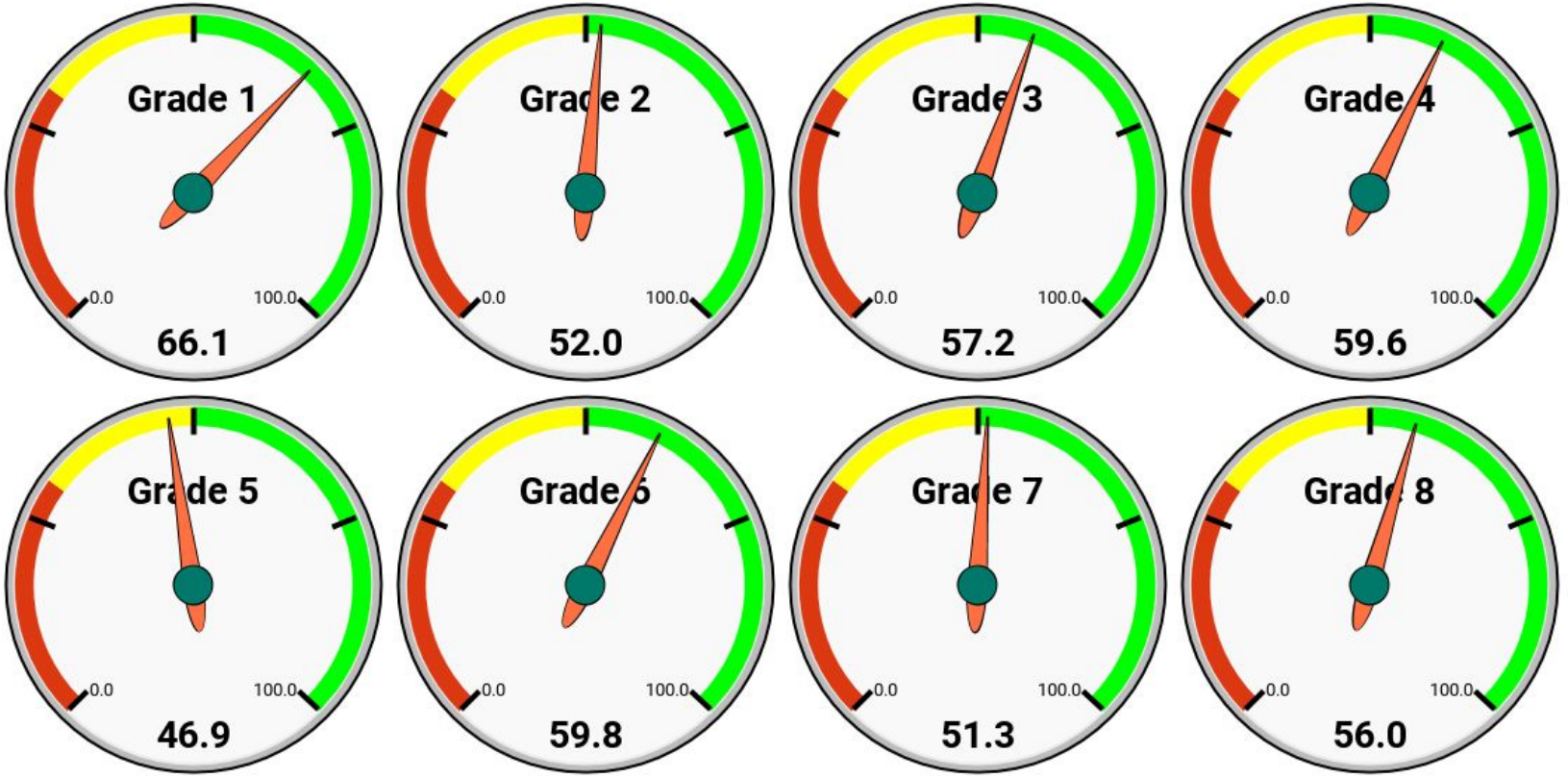


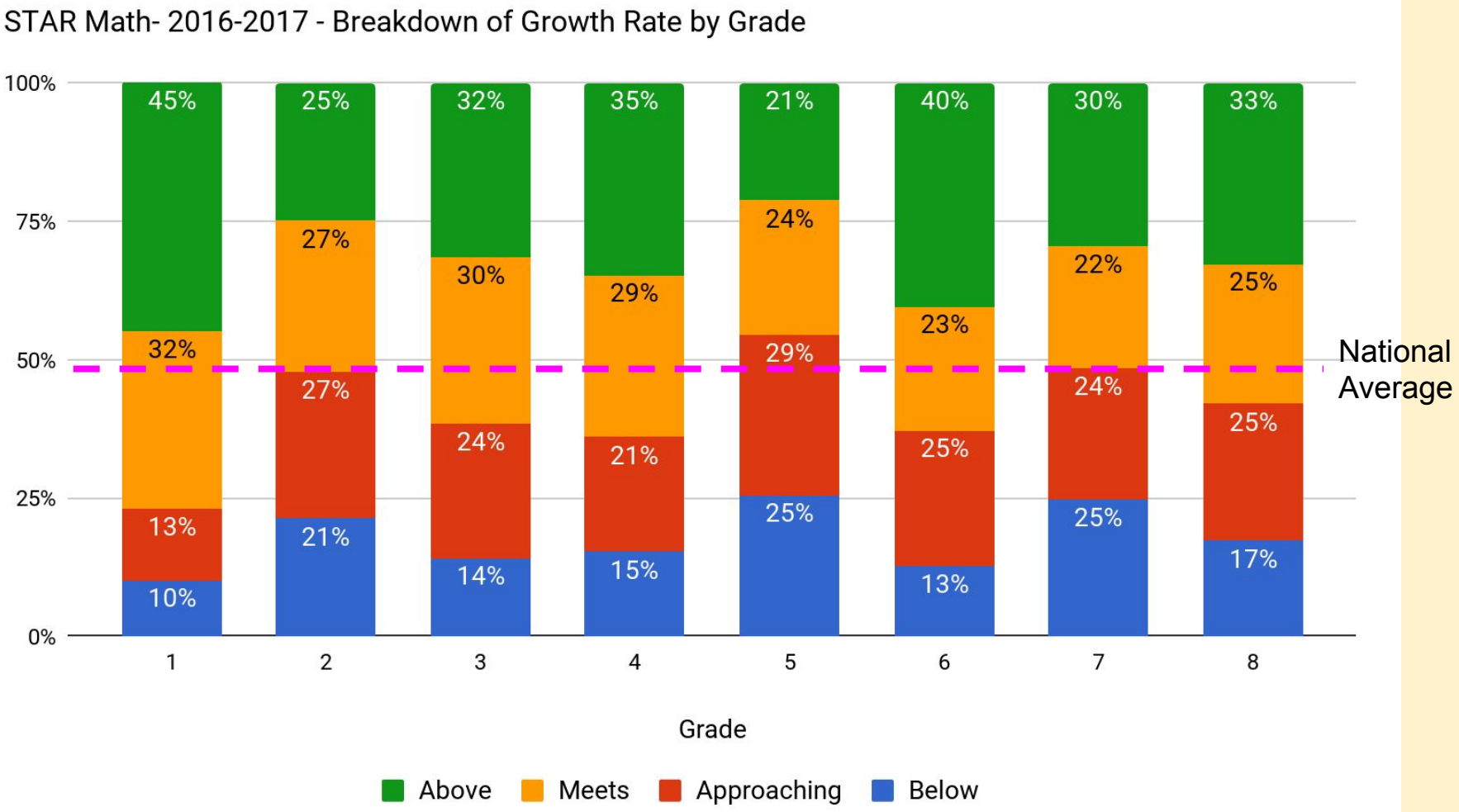

STAR Math 2016-2017 - Percentage of Students at Goal (60th Percentile)
100%
75%
50%
25%
0%
1
2
3
4
5
6
7
8
Grade
Fall
Spring
National Average

Growth Rate (SGP)



STAR Math - Average Growth Rate by Grade - Spring 2017




STAR Math- 2016-2017 - Breakdown of Growth Rate by Grade
100%
75%
50%
25%
0%
45%
32%
13%
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25%
27%
27%
21%
32%
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24%
14%
35%
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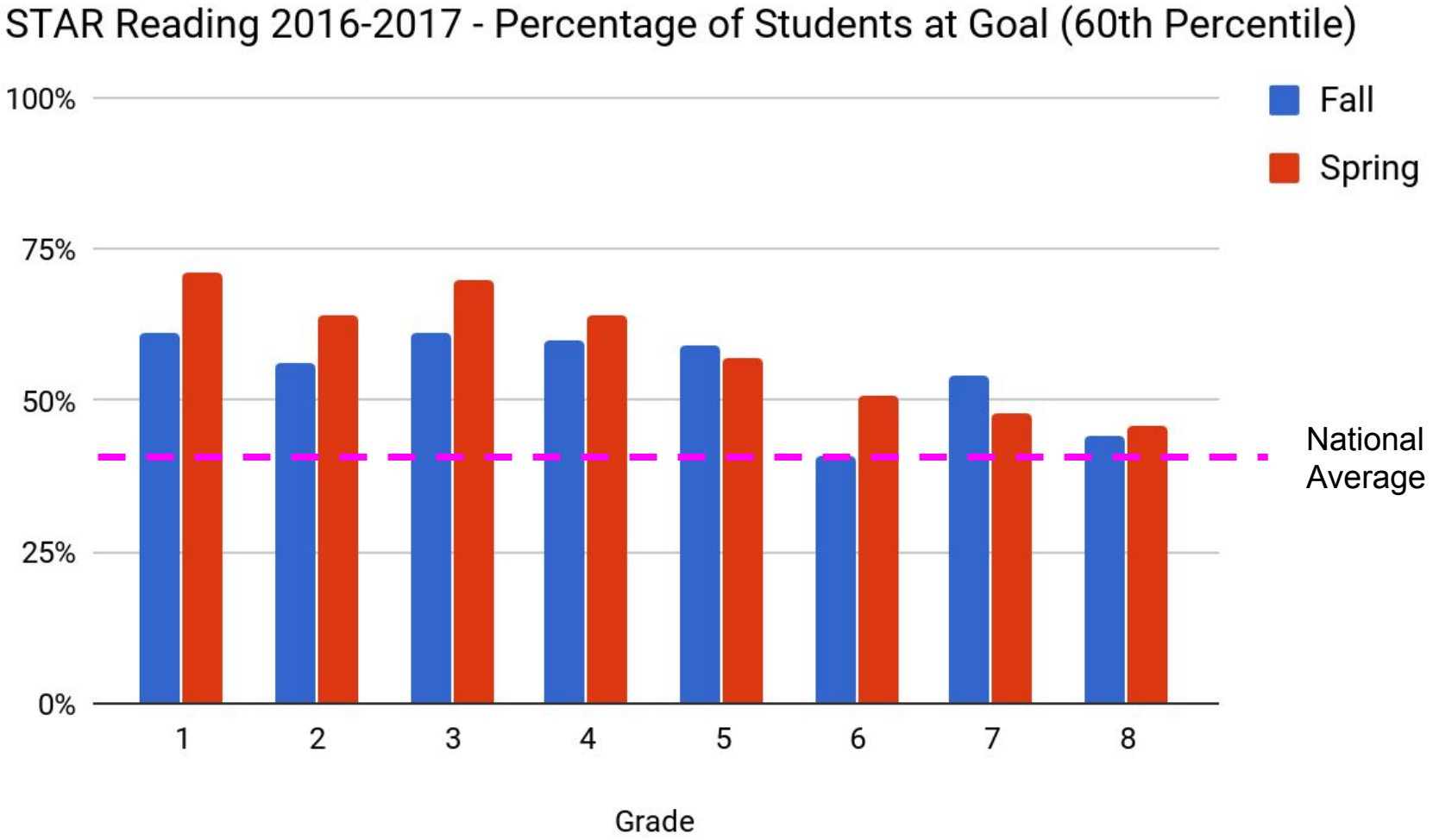
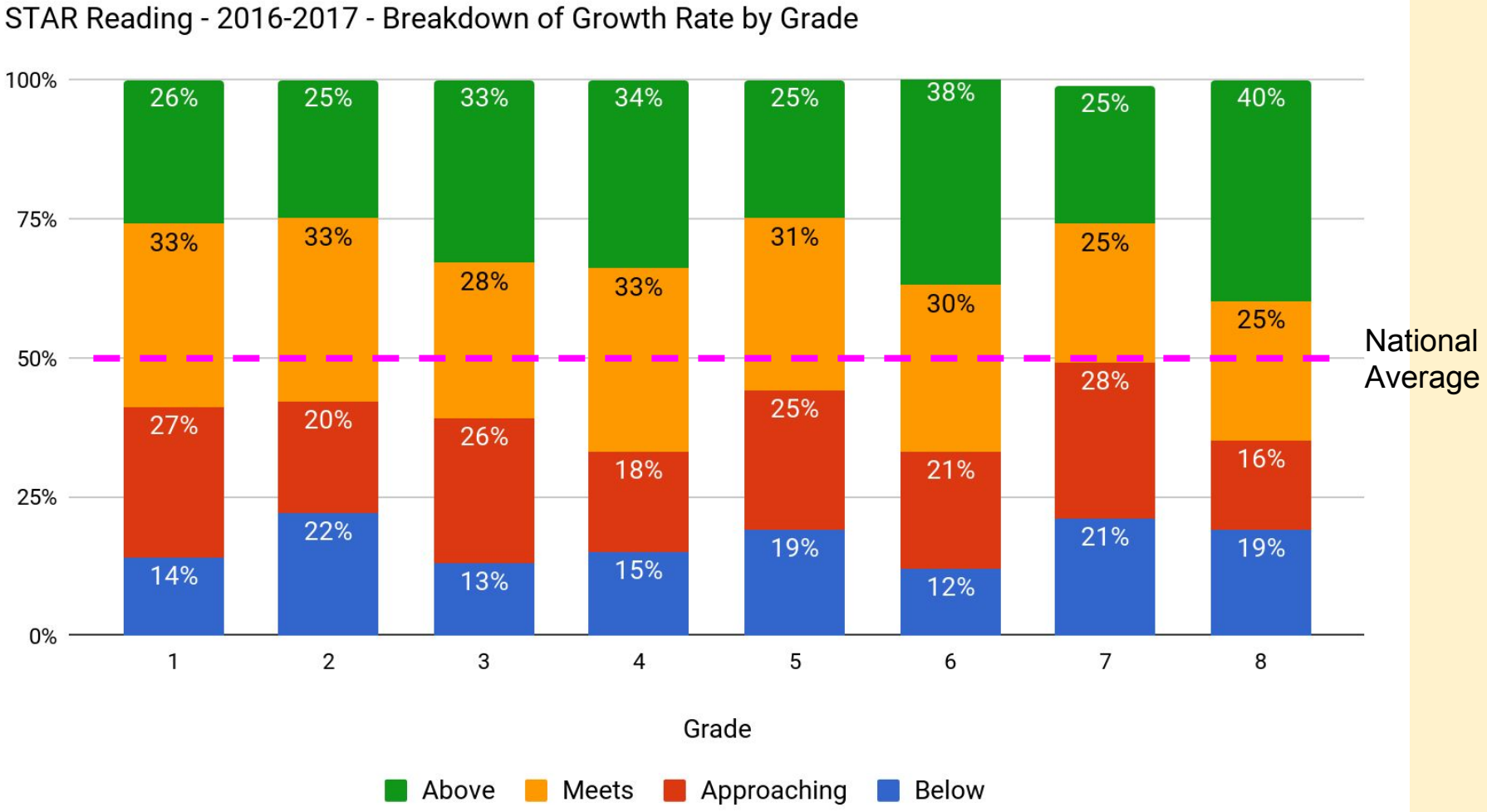
24%
29%
25%
40%
23%
25%
13%
30%
22%
24%
25%
33%
25%
25%
17%
National Average
1
2
3
4
5
6
7
8
Grade
Above
Meets
Approaching
Below

Steps to Improvement

- Isolate the areas in need of the greatest growth in comparison to the standards and the projected growth
- FOR EXAMPLE, students currently in grade 6 who are most in need of growth receive support in the following areas:
  - Solving a problem using the area and perimeter formulas for rectangles
  - Fluently multiplying multi-digit whole numbers
  - Drawing a line of symmetry
  - Dividing a whole number of up to four digits by a 2-digit whole number using one of various strategies

STAR Reading


STAR Reading 2016-2017 - Percentage of Students at Goal (60th Percentile)
100%
75%
50%
25%
0%
Fall
Spring
National Average
1
2
3
4
5
6
7
8
Grade


STAR Reading - 2016-2017 - Breakdown of Growth Rate by Grade
100%
75%
50%
25%
0%
26%
33%
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14%
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33%
20%
22%
33%
28%
26%
13%
34%
33%
18%
15%
25%
31%
25%
19%
38%
30%
21%
12%
25%
25%
28%
21%
40%
25%
16%
19%
National Average
1
2
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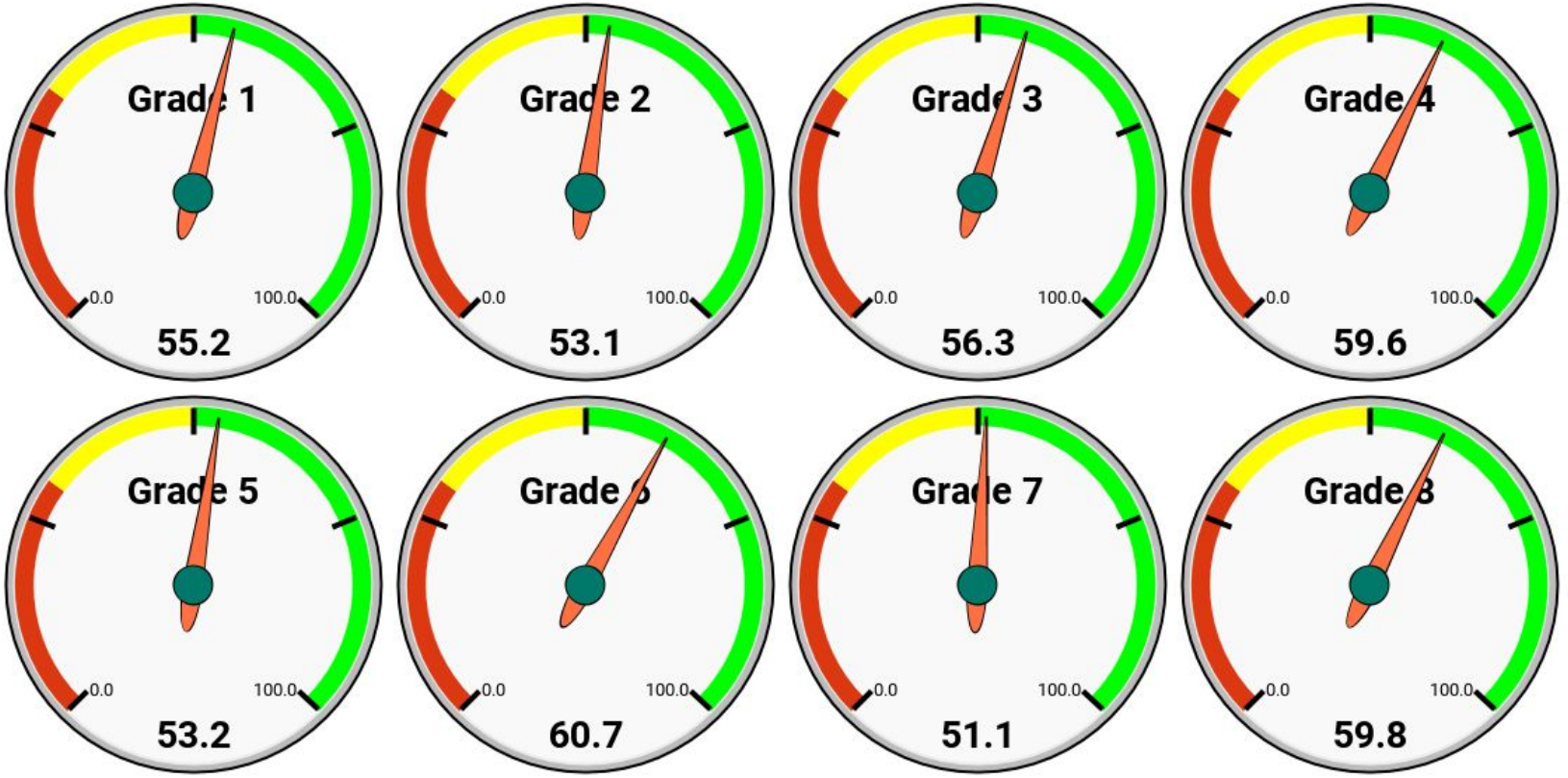
7
8
Grade
Above
Meets
Approaching
Below

STAR Reading - Average Growth Rate by Grade - Spring 2017



Part III:
CMT/CAPT Science
Grades 5, 8, and 10

Content Strand Mastery

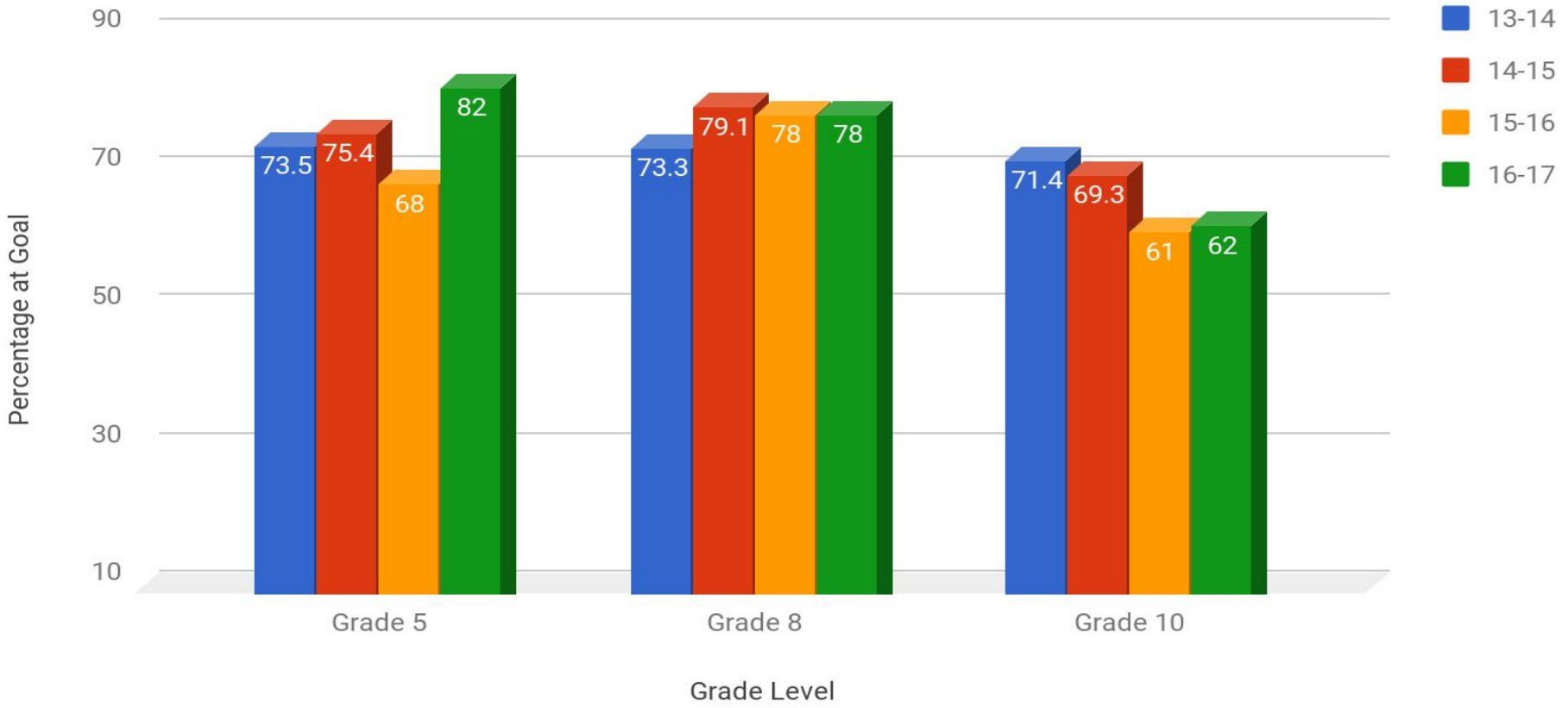
GRADE 5 CONTENT STRAND	Maximum Score Possible
Science	
1 . Physical Science	14
2 . Earth Science	14
3 . Life Science	14
4 . Content Knowledge	24
5 . Scientific Inquiry, Literacy & Numeracy	18

GRADE 8 CONTENT STRAND	Maximum Score Possible
Science	
1 . Physical Science	17
2 . Earth Science	17
3 . Life Science	17
4 . Content Knowledge	30
5 . Scientific Inquiry, Literacy & Numeracy	21

GRADE 10 CONTENT STRAND	Maximum Score Possible
Science	
1 . Energy Transformations	15
2 . Chemical Structures and Properties	15
3 . Global Interdependence	15
4 . Cell Chemistry and Biotechnology	15
5 . Genetics, Evolution and Biodiversity	15

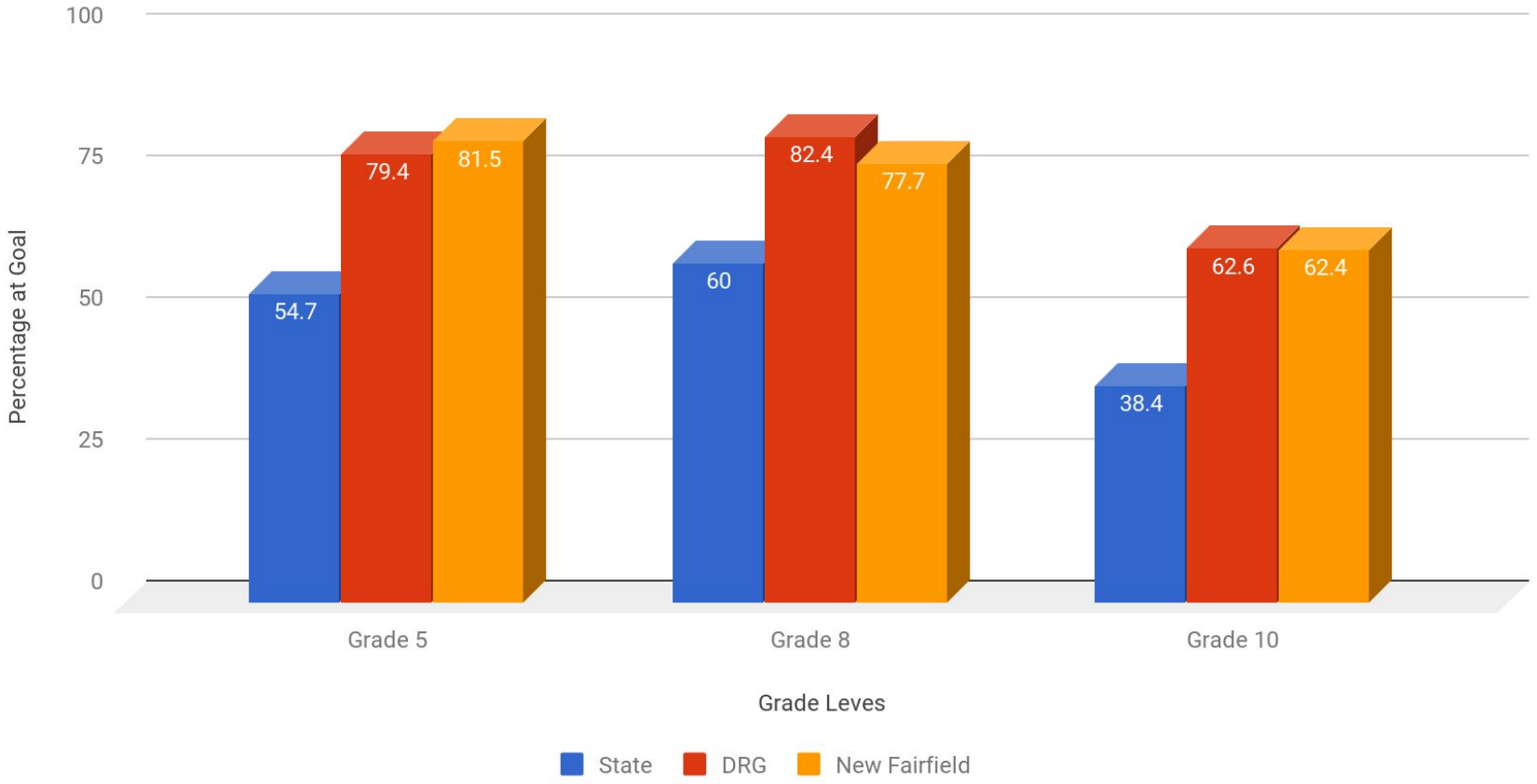
CMT and CAPT Science Scores

2014-2017

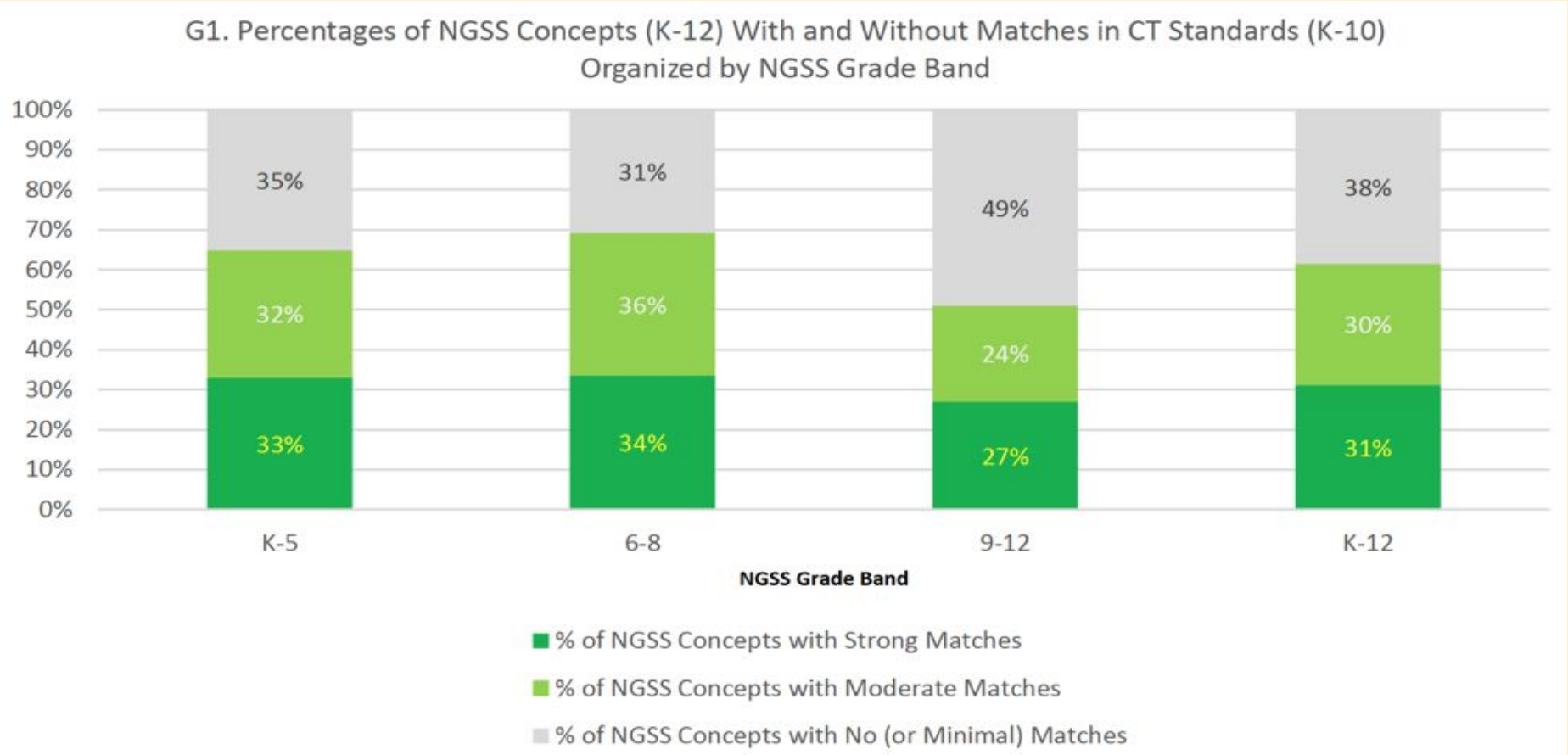


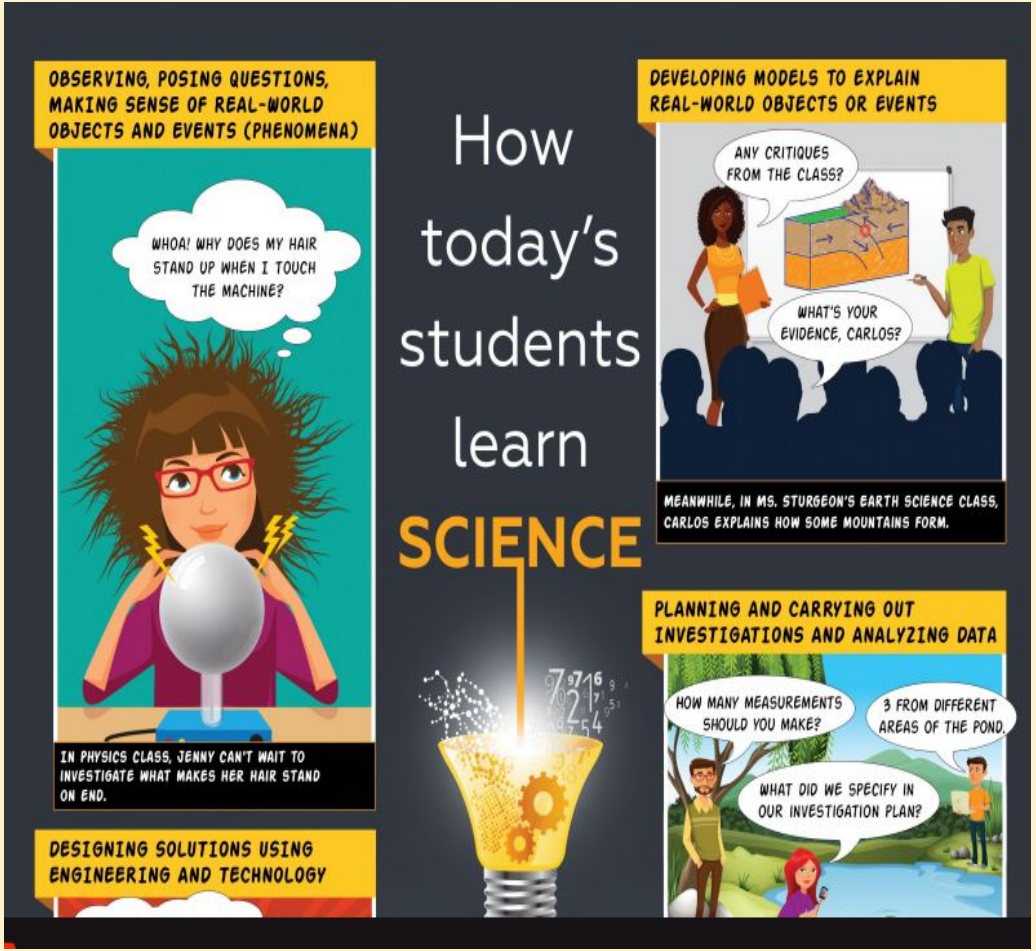
CMT and CAPT Comparisons 2017

Grades 5, 8 and 10



Alignment of CMT Standards to the NGSS by Grade

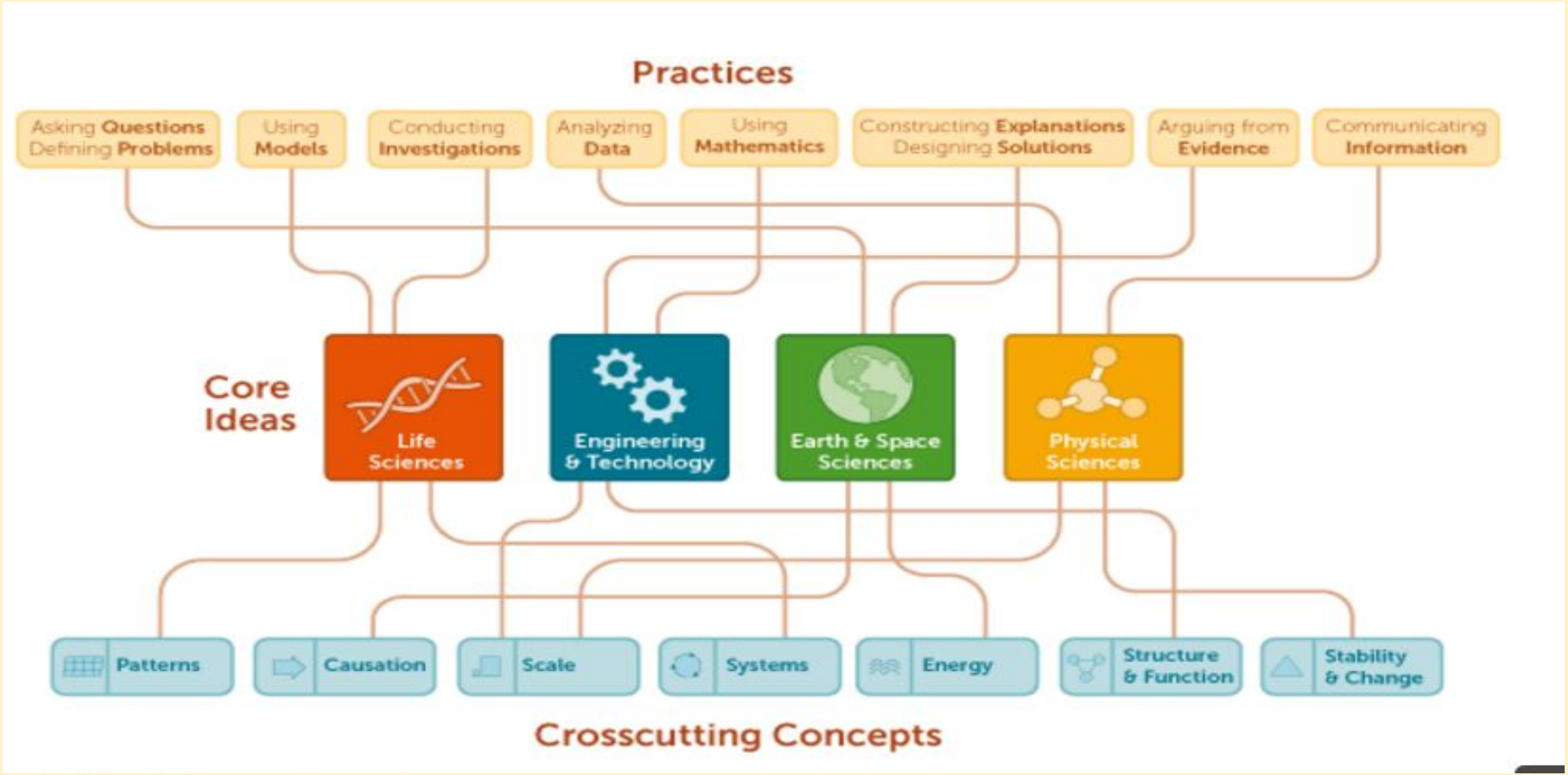




About the Next Generation Science Standards

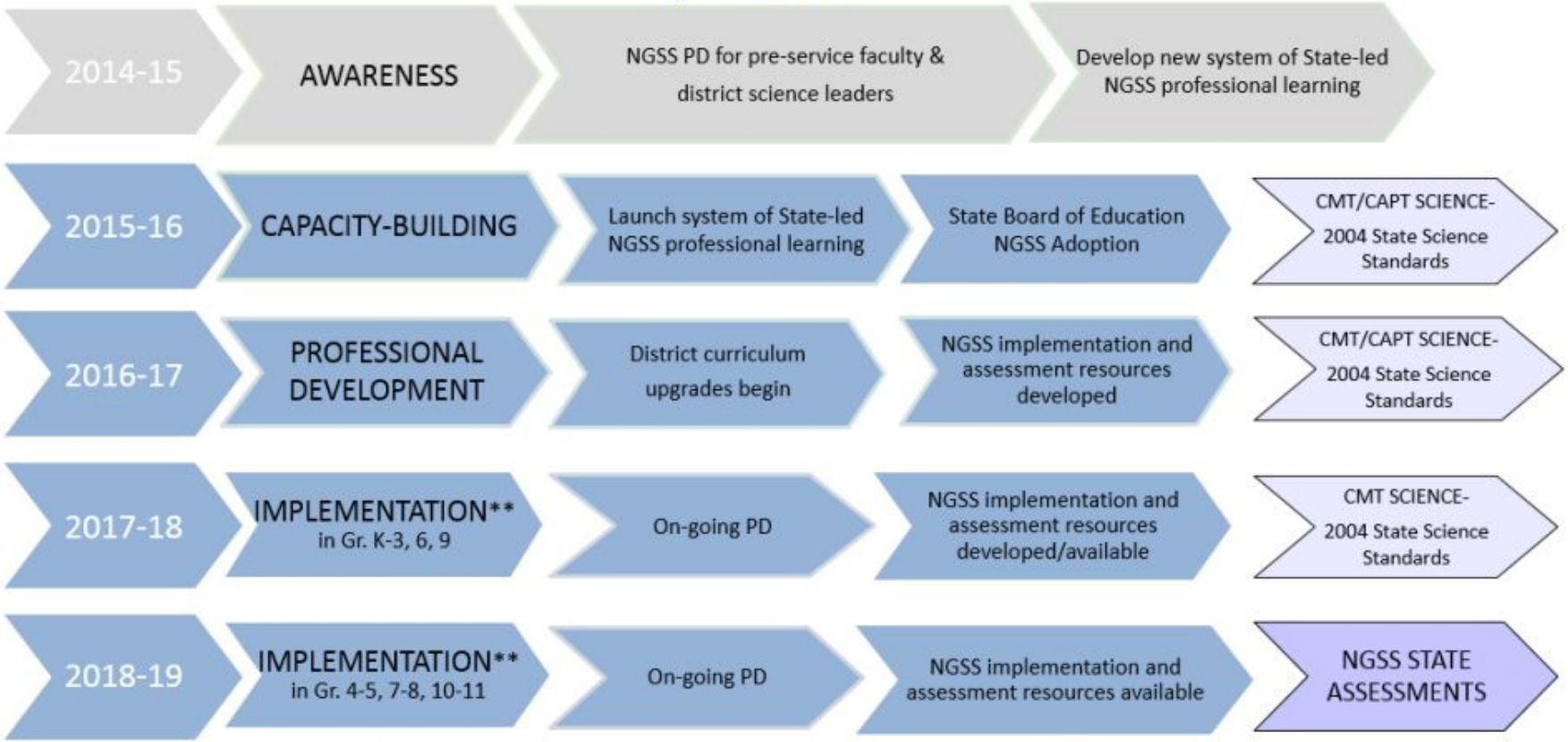
http://ngss.nsta.org/About.aspx

Next Generation Science Standards (NGSS)



DRAFT* 5-Year NGSS Implementation Timeline

September 2017



** An option for transitioning away from current state standards to teaching NGSS.

Districts have flexibility to develop their own transition and implementation plans.

Science Resource Update

- Grades K-3 Science: FOSS Textbook adoption

  - Professional Development
    - August 28: Overview of program
    - October 6: Grade level planning and collaboration
    - Next Steps: Classroom model lessons with consultant

  - Curriculum Alignment and Development

Science Resource Update

- Grades 4-9 HMH Dimensions Textbook adoption
  - Professional Development
    - August 28: Overview of program
    - October 6: Grade level planning and collaboration
    - Next Steps: Classroom model lessons with consultant
  - Curriculum Alignment and Development