Smarter Balanced Assessment Results (ELA and Math) Grades 3-6 2018-2019

Beecher Road School

October 2019

Smarter Balanced Assessment

Global measure of student learning:

- Accurately describes student achievement and growth
- Measures students' progress/attainment of knowledge and skills
- Provides an annual snapshot of student achievement
- Aligned to Common Core State Standards
- Administered to students in grades 3-8
- Utilizes computer adaptive testing
- Includes one math performance task

Background Information: English Language Arts	
Areas of Knowledge and Skills Measured	**Statement About Student Learning From Which the Assessment was Built**
Reading	Students can read closely and analytically to comprehend a range of increasingly complex literary and informational texts.
Writing	Students can produce effective and well-grounded writing for a range of purposes and audiences.
Listening	Students can employ effective speaking and listening skills for a range of purposes and audiences.
Research/Inquiry	Students can engage in research/inquiry to investigate topics, and to analyze, integrate, and present information.

Achievement Levels

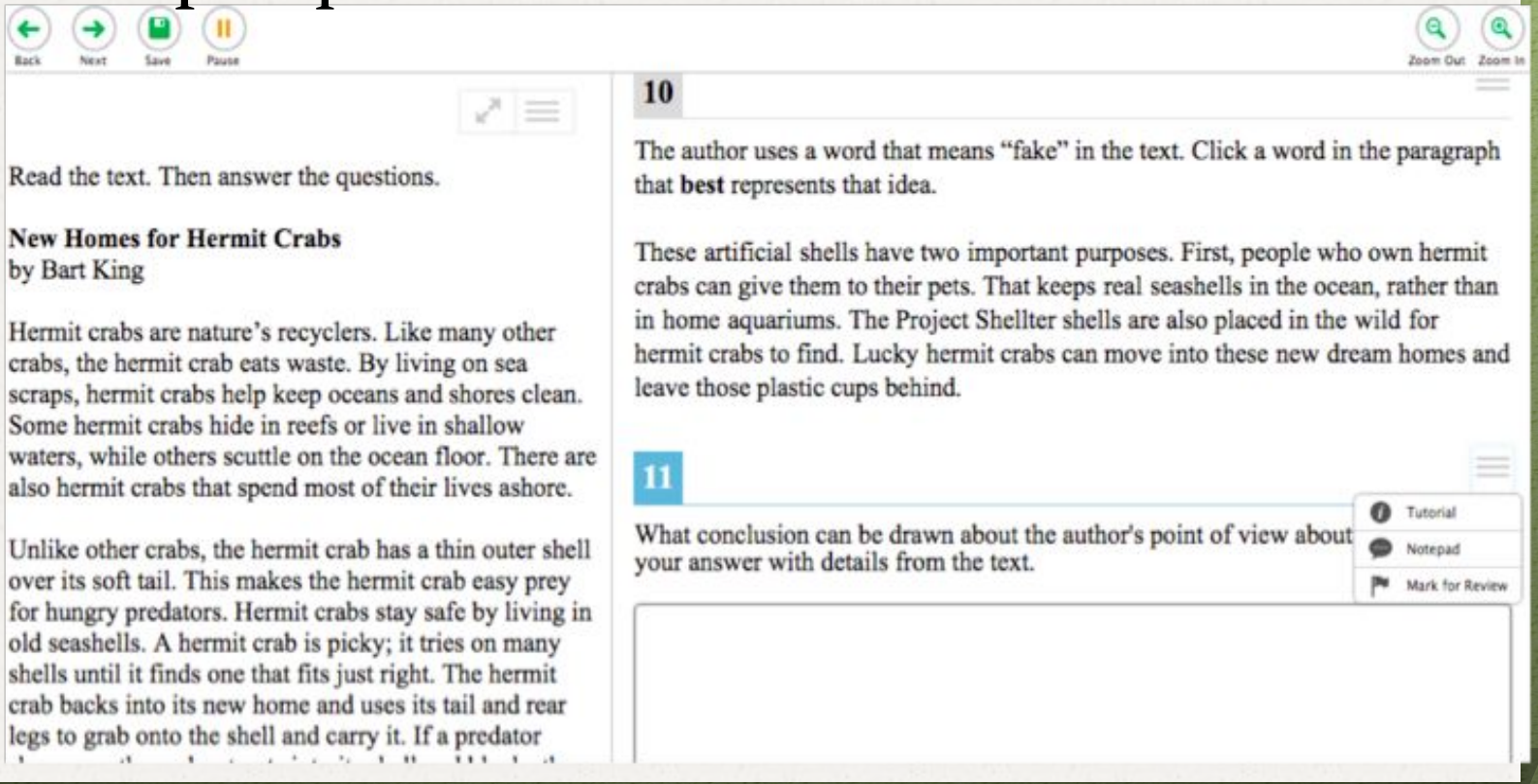
Four Achievement Levels:

- Level 1 = **Does not meet** the achievement standard
- Level 2 = **Approaching** the achievement standard
- Level 3 = **Meets** the achievement standard
- Level 4 = **Exceeds** the achievement standard

Achievement levels:

- Specify the knowledge and skills at a certain level
- Are less precise than scale scores
- Note: characterizing a student's achievement solely in terms of a level is an oversimplification

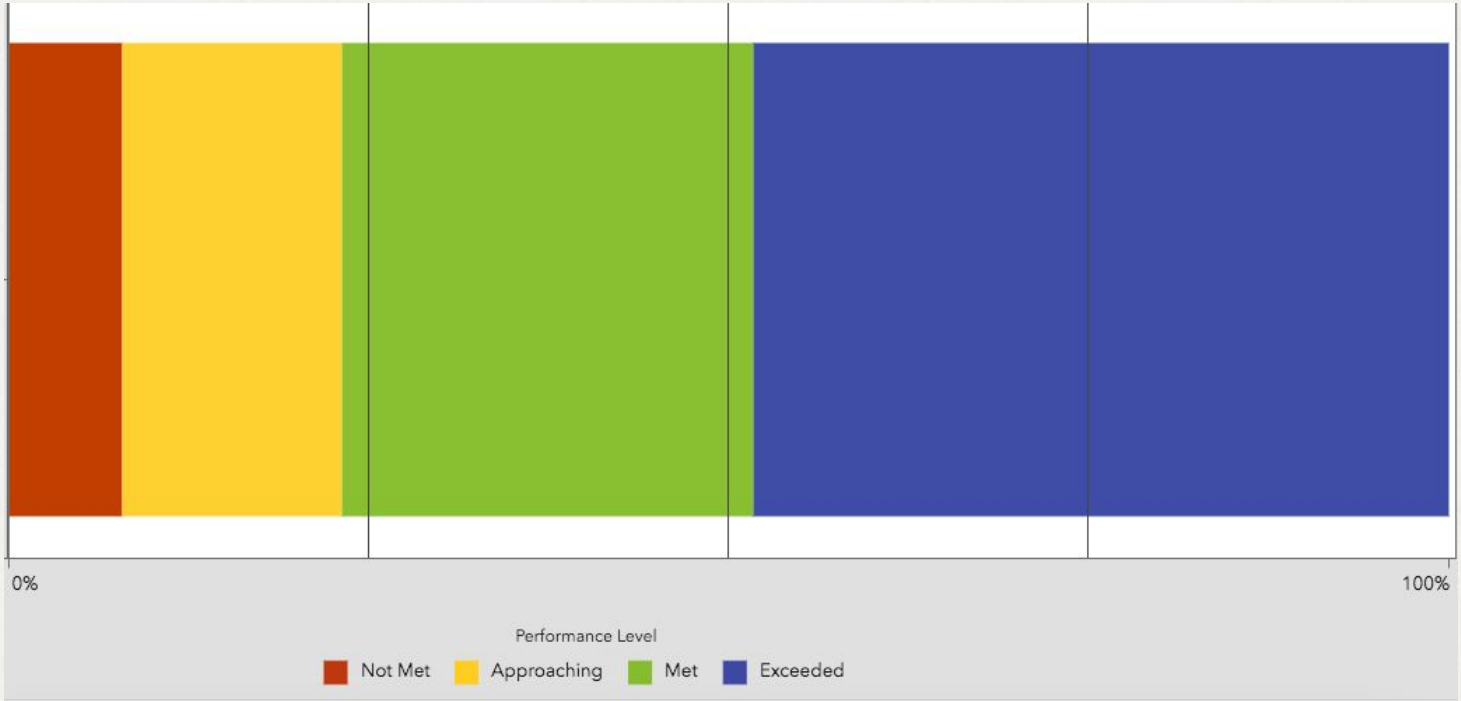
Sample question: ELA



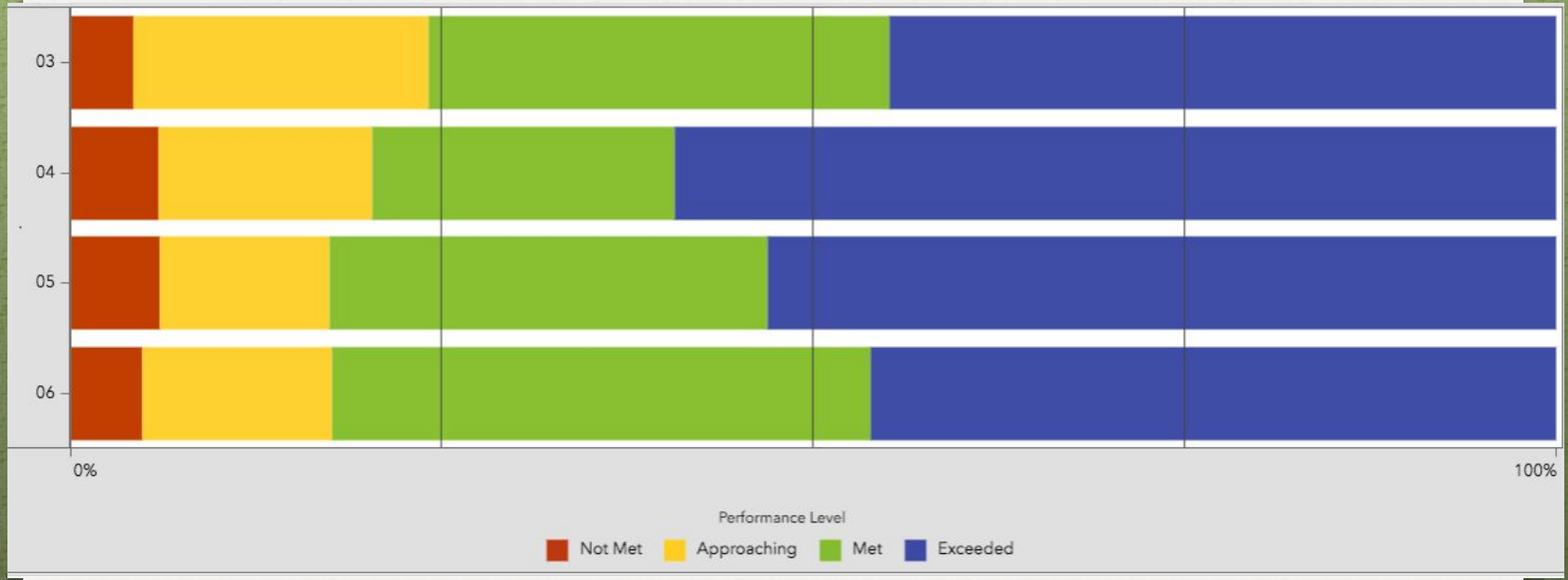
The Results: ELA All Students

Grade	Percent Scoring Level 3 and Above			Average Vertical Scale Score		
	2016-2017	2017-2018	2018-2019	2016-2017	2017-2018	2018-2019
3	74.4%	74%	76%	2486	2485	2486
4	72.8%	78%	80%	2532	2533	2547
5	71.4%	80%	83%	2554	2567	2585
6	90.4%	68%	82%	2617	2579	2603
All grades	76.4%	74.4%	80.5%	N/A	N/A	N/A

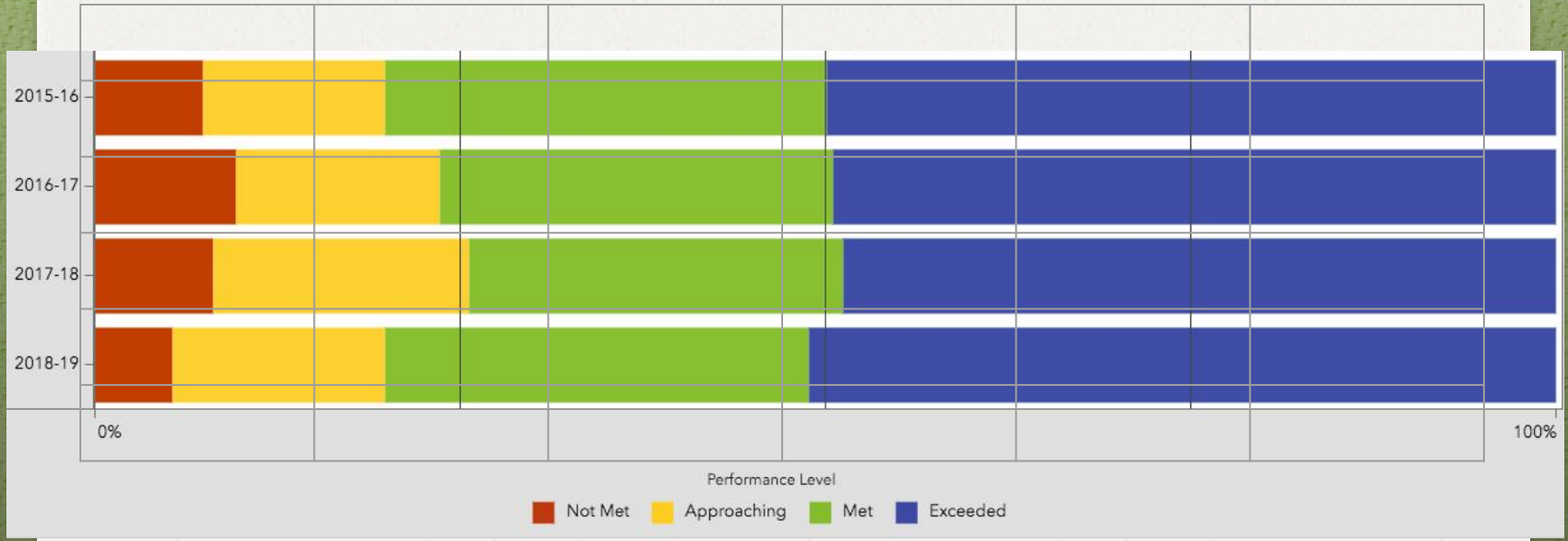
ELA Performance Level



ELA Performance Level- by Grade



ELA: Achievement by years



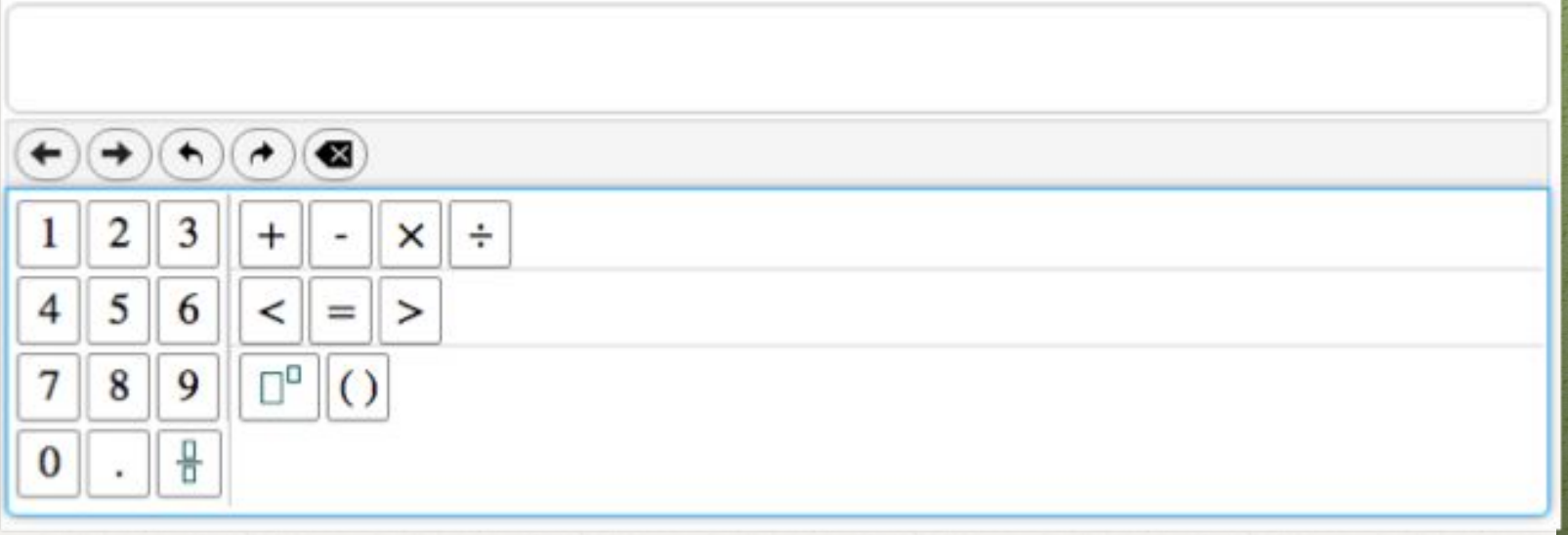
Background Information: Mathematics

Areas of Knowledge and Skills Measured	Statement About Student Learning From Which the Assessment was Built
Concepts and Procedures	Students can explain and apply mathematical concepts and interpret and carry out mathematical procedures with precision and fluency.
Problem Solving	Students can solve a range of complex well-posed problems in pure and applied mathematics, making productive use of knowledge and problem-solving strategies.
Communicating Reasoning	Students can clearly and precisely construct viable arguments to support their own reasoning and to critique the reasoning of others.
Modeling and Data Analysis	Students can analyze complex, real-world scenarios and can construct and use mathematical models to interpret and solve problems.

Sample question: Math

Tyler is 8 years old. His sister Olivia is 4 years less than twice his age.

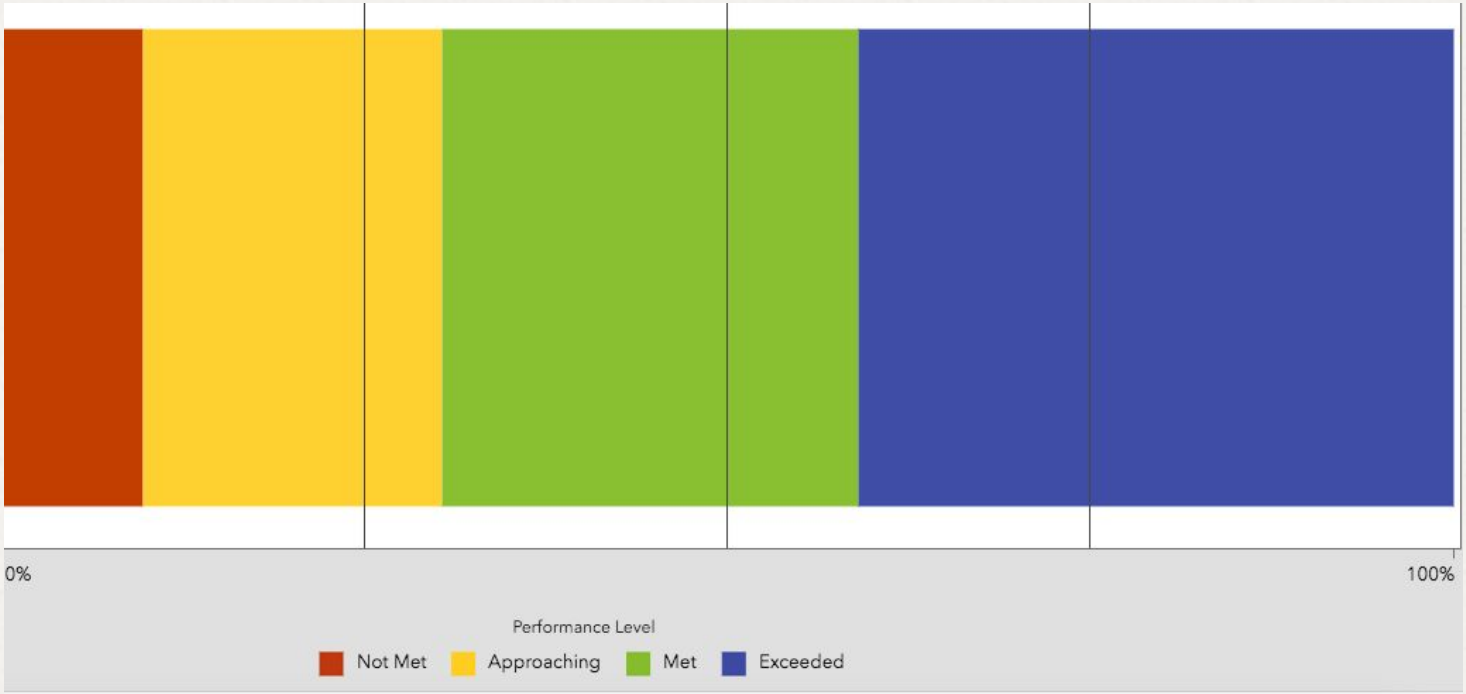
Write a numerical expression for Olivia's age.



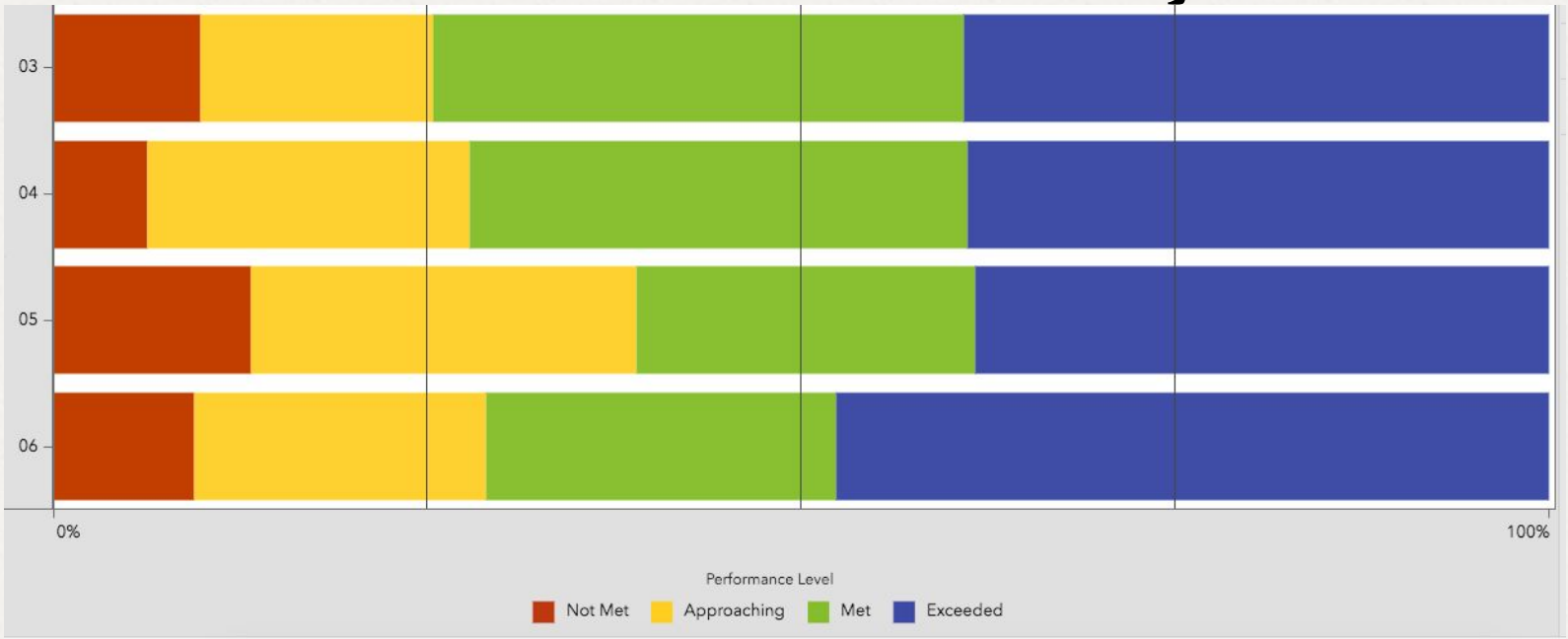
The Results: Math All Students

Grade	Percent Scoring Level 3 and Above			Average Vertical Scale Score		
	2016-2017	2017-2018	2018-2019	2016-2017	2017-2018	2018-2019
3	77.8%	72%	74%	2488	2476	2483
4	78.4%	74%	78%	2536	2530	2537
5	55.2%	64%	72%	2539	2550	2577
6	77.7%	71%	73%	2610	2599	2603
All grades	71.6%	69.6%	74.5%	N/A	N/A	N/A

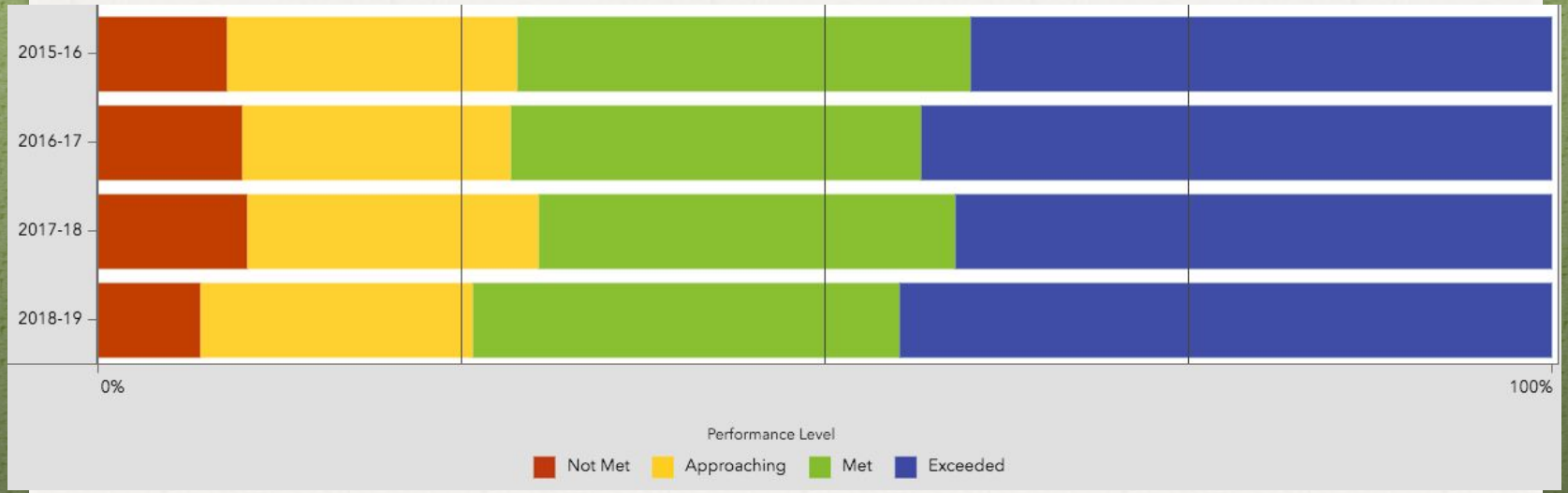
Math Performance Level



Math Performance Level by Grade



Math: Achievement by years



Smarter Balanced Assessment: Overall Results

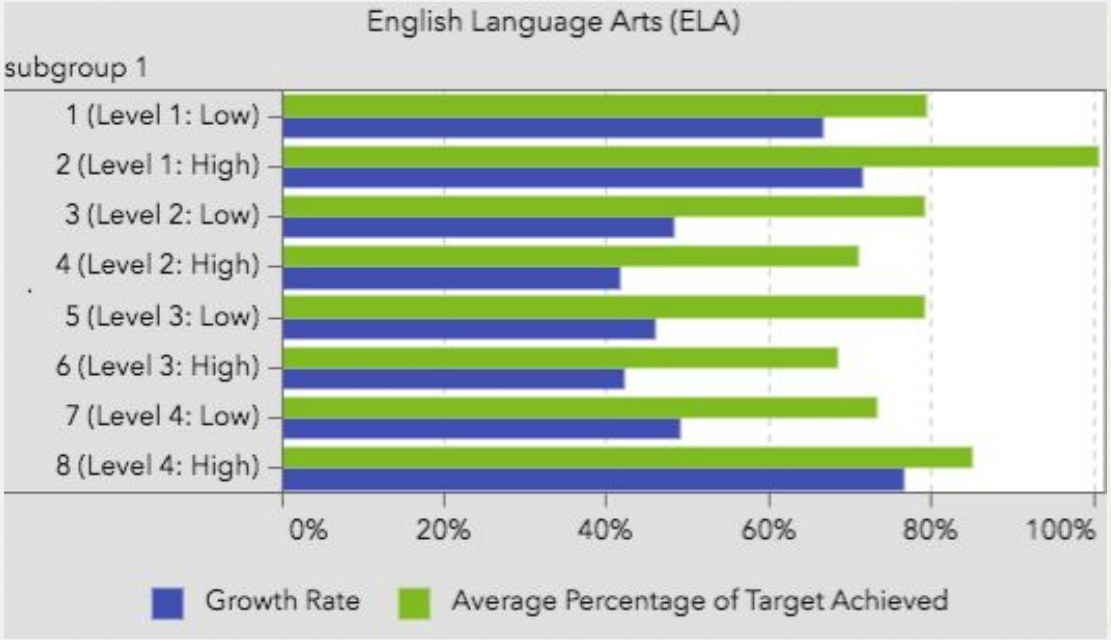
	2017	DRG	CT	2018	DRG	CT	2019	DRG	CT
ELA	76.4%	10 out of 21	21 out of 188	74.4%	14 out of 21	42 out of 206	80.5%	6 out of 21	20/206
Math	71.6%	6 out of 21	17 out of 188	69.6%	10 out of 21	31 out of 206	74.5%	8 out of 21	21/206

Growth Rate

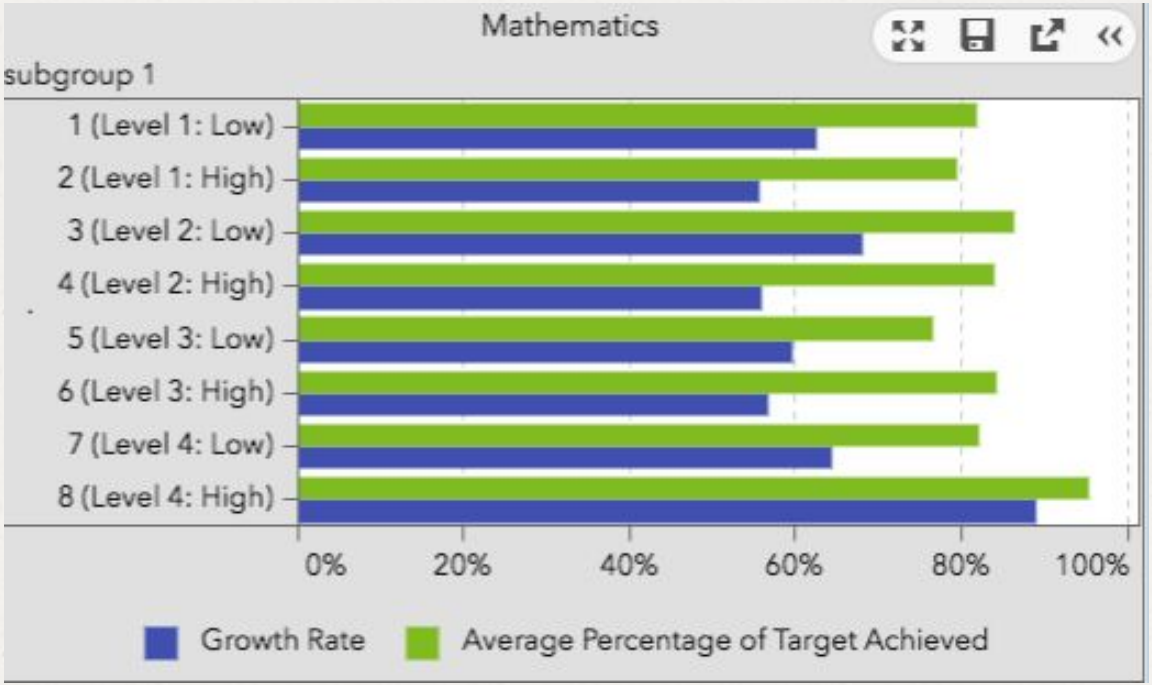
District	School	Subject	Growth Rate School Year 2015-16	2016-17	2017-18	2018-19	Average Percentage of Target Achieved School Year 2015-16	2016-17	2017-18	2018-19
Woodbridge School District	Beecher Road School	ELA	64.3%	50.5%	50.5%	58.6%	82.2%	68.3%	70.6%	78.8%
		Math	65.7%	53.9%	52.4%	68.1%	87.3%	74.8%	71.8%	86.0%

District	Subject	Growth Rate School Year 2015-16	2016-17	2017-18	2018-19	Average Percentage of Target Achieved School Year 2015-16	2016-17	2017-18	2018-19
State of Connecticut	ELA	43.1%	35.9%	40.3%	39.9%	63.8%	55.4%	60.7%	59.9%
	Math	43.9%	41.5%	42.1%	42.9%	65.0%	61.7%	61.9%	62.5%

ELA: Growth Rate Graph



Math- Growth Rate Graph



Growth rate by grade level

				Growth Rate				Average Percentage of Target Achieved			
				School Year				School Year			
District	School	Grade	Subject	2015-16	2016-17	2017-18	2018-19	2015-16	2016-17	2017-18	2018-19
Woodbridge School District	Beecher Road School	4	ELA	63.2%	52.6%	50.8%	61.7%	82.1%	70.7%	72.6%	81.9%
			Math	53.5%	58.8%	48.3%	65.2%	78.4%	84.8%	74.3%	86.5%
		5	ELA	63.6%	43.5%	54.5%	58.7%	81.4%	61.9%	73.5%	81.6%
			Math	60.2%	37.4%	35.4%	70.0%	86.7%	55.7%	51.2%	87.4%
		6	ELA	65.8%	55.4%	46.1%	54.6%	83.1%	72.2%	65.3%	71.7%
			Math	79.5%	65.2%	74.0%	69.1%	94.5%	83.1%	89.2%	83.7%

Follow up and next steps

- Grade level analysis by homeroom
- Continued professional learning and curriculum development
  - Give students appropriate exposure and practice to the tools necessary to demonstrate knowledge
  - Continuation of Coaching in Math
  - Columbia Consultant work for all grades
  - Progress monitoring using STAR
- School-wide data team- regular meetings
- Feedback and coaching within the classroom and PLC meetings
- Dedicated time with third grade students during Technology class
- Interim Assessment Blocks administered at all grade levels

Final thoughts….

Philosophical belief: focus on the whole child

Growth over time

Thank you!