California Assessment of Student Performance and Progress

2016 RESULTS

Board Presentation

By Superintendent Liz Schott

October 18, 2016

KENTFIELD SCHOOL DISTRICT

CAASPP

- Second year of CAASPP administration
- Students in 3rd through 8th grade
- English Language Arts and Mathematics
- STAR Science assessments only for 5th and 8th grade students – scores not yet available
- 2016 reports display student progress from 2015

KENTFIELD SCHOOL DISTRICT

CAASPP Test

- Computer-based and adaptive test tailors follow-up questions based on student response to previous question
- Performance task questions challenges students' ability to apply knowledge and skills in a real-world setting
- Together, the two question types measure skill mastery and depth of understanding, writing, research, and problem-solving skills more thoroughly than past tests

KENTFIELD SCHOOL DISTRICT

SCALE SCORES

"Degree of progress toward mastery of knowledge and skills needed for success in future coursework"

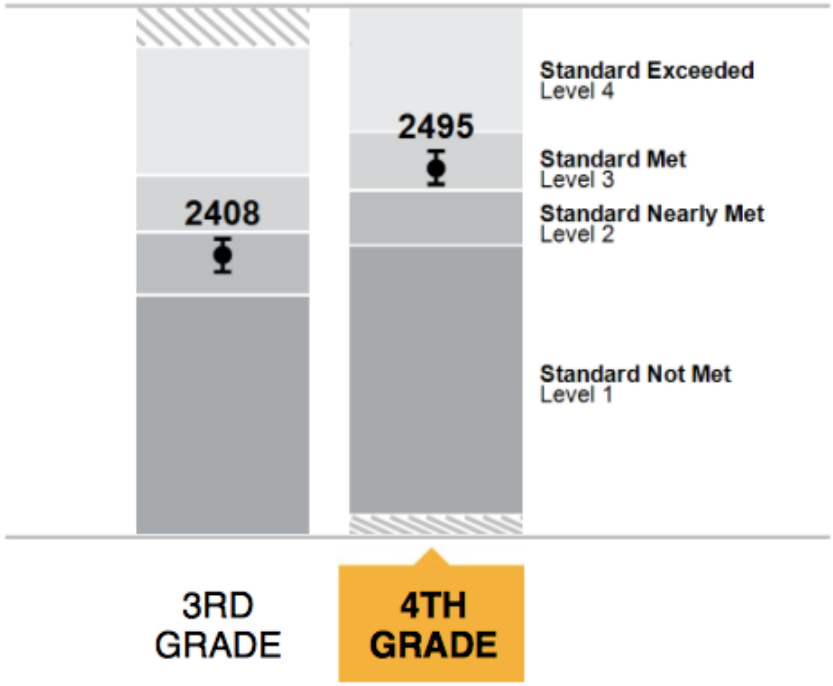
An ability estimate based on the response to the specific test questions that a student answered – *not the total number of questions answered correctly*

- **Higher Score** = correctly answered more difficult and discriminating questions
- **Lower Score** = correctly answered easier and less discriminating questions

KENTFIELD SCHOOL DISTRICT

SCALE SCORE REPORT

- Between 2,000 and 3,000 points that fall within one of four achievement levels
- Range bar shows how a score might be different if the student had taken the test again
- If student took test last year, previous score is shown to measure change over time



KENTFIELD SCHOOL DISTRICT

CAASPP ACHIEVEMENT LEVELS

ENGLISH LANGAUGE ARTS

MATHEMATICS

College and Career Ready — Exceeded the Standard

College and Career Ready — Met the Standard

Target Improvement — Nearly Met the Standard

Target Improvement — Has Not Met the Standard

KENTFIELD SCHOOL DISTRICT

IN-DEPTH MEASUREMENT ELA AREAS &CLAIMS

Reading	Demonstrating understanding of literary and nonfiction texts
Writing	Producing clear and purposeful writing
Listening	Demonstrating effective communication skills
Research/Inquiry	Investigating, analyzing and presenting information

KENTFIELD SCHOOL DISTRICT

IN-DEPTH MEASUREMENT MATH AREAS & CLAIMS

Concepts & Procedures	Applying mathematical concepts and procedures
Problem Solving & Modeling/Data Analysis	Using appropriate tools and strategies to solve real world and mathematical problems
Communicating Reasoning	Demonstrating ability to support mathematical conclusions

KENTFIELD SCHOOL DISTRICT

INDIVIDUAL CLAIM REPORTS

Easier to read than 2015

ELA

AREA	Below Standard	Near Standard	Above Standard
Reading *How well does your child understand stories and information that he or she reads?*			✓
Writing *How well does your child communicate in writing?*		✓	
Listening *How well does your child understand spoken information?*		✓	
Research/Inquiry *How well can your child find and present information about a topic?*	✓		

MATH

AREA	Below Standard	Near Standard	Above Standard
Concepts & Procedures *How well does your child use mathematical rules and ideas?*	✓		
Problem Solving and Modeling & Data Analysis *How well can your child show and apply their problem solving skills?*	✓		
Communicating Reasoning *How well can your child think logically and express their thoughts in order to a solve problem?*	✓		

KENTFIELD SCHOOL DISTRICT

CAASPP SCORE REPORT BENEFITS

- Ability to monitor student year-to-year progress
  - Scaled vertically = scores linked for questions common between adjacent grades
- Metric allows a particular score to mean the same across test forms for a grade level, even though difficulty of the test may vary
- Each program/grade level/content area has its own scale score range

KENTFIELD SCHOOL DISTRICT

ENGLISH LANGUAGE ARTS

Reading: Demonstrating an understanding of literary and non-fictional texts

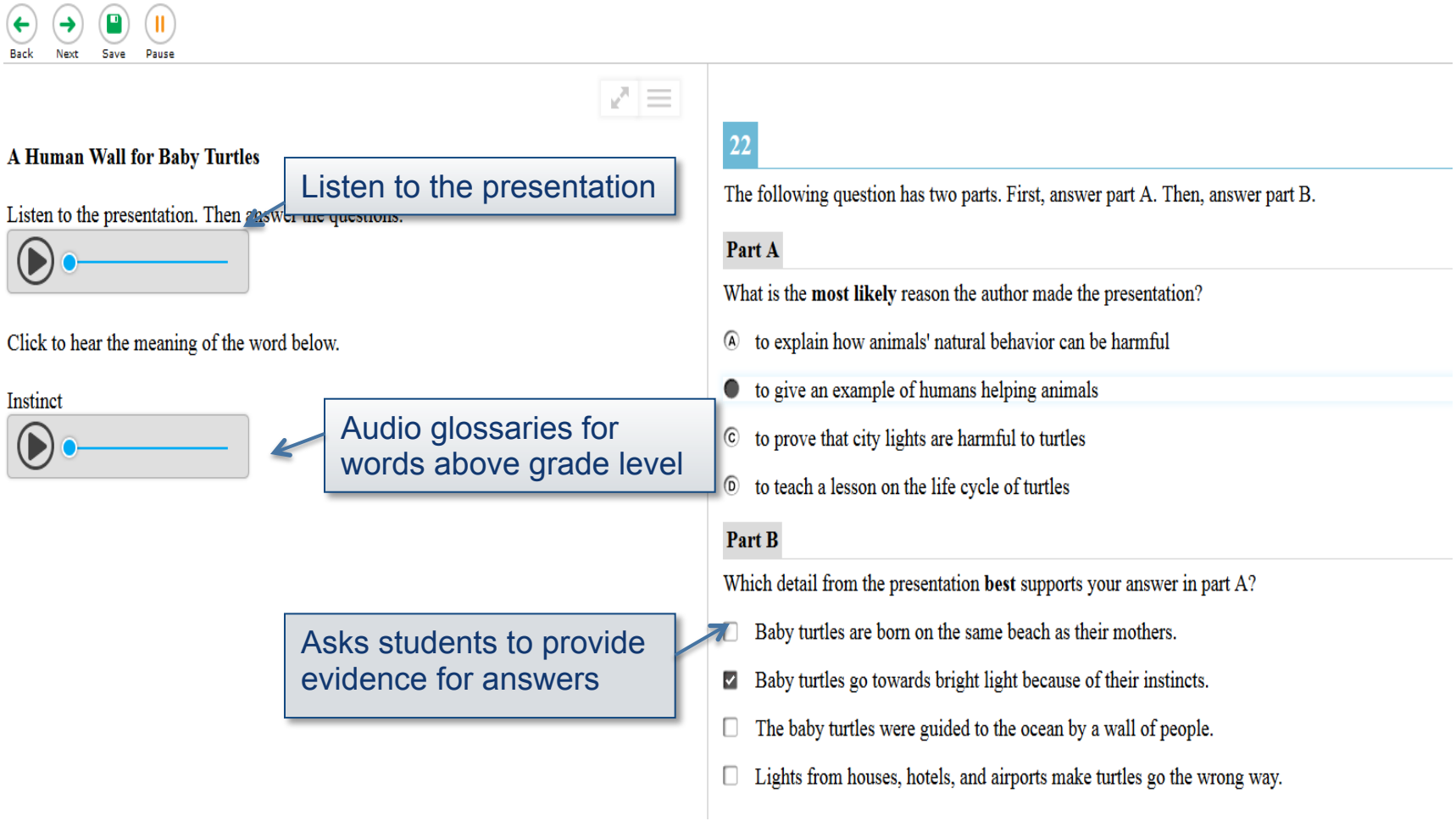
Writing: Producing clear and purposeful writing

Listening: Demonstrating effective communication skills

Research/Inquiry: Investigating, analyzing, and presenting information

KENTFIELD SCHOOL DISTRICT

ENGLISH LANGUAGE ARTS



KENTFIELD SCHOOL DISTRICT

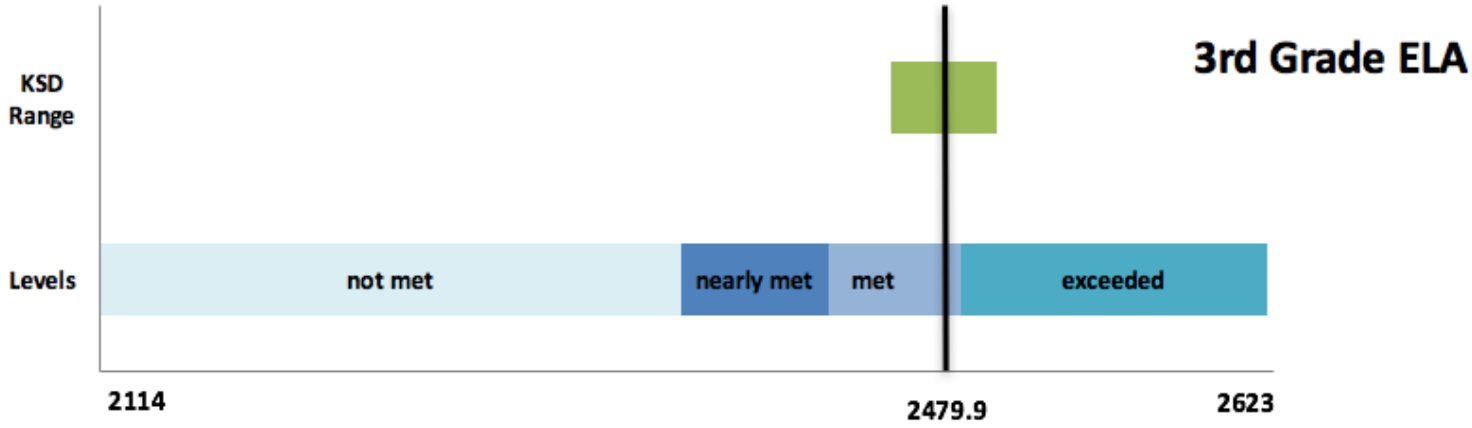
ENGLISH LANGUAGE ARTS

Sample Test Questions

- 3rd Items and Performance Task
- 4th Items and Performance Task
- 5th Items and Performance Task
- 6th Items and Performance Task
- 7th Items and Performance Task
- 8th Items and Performance Task

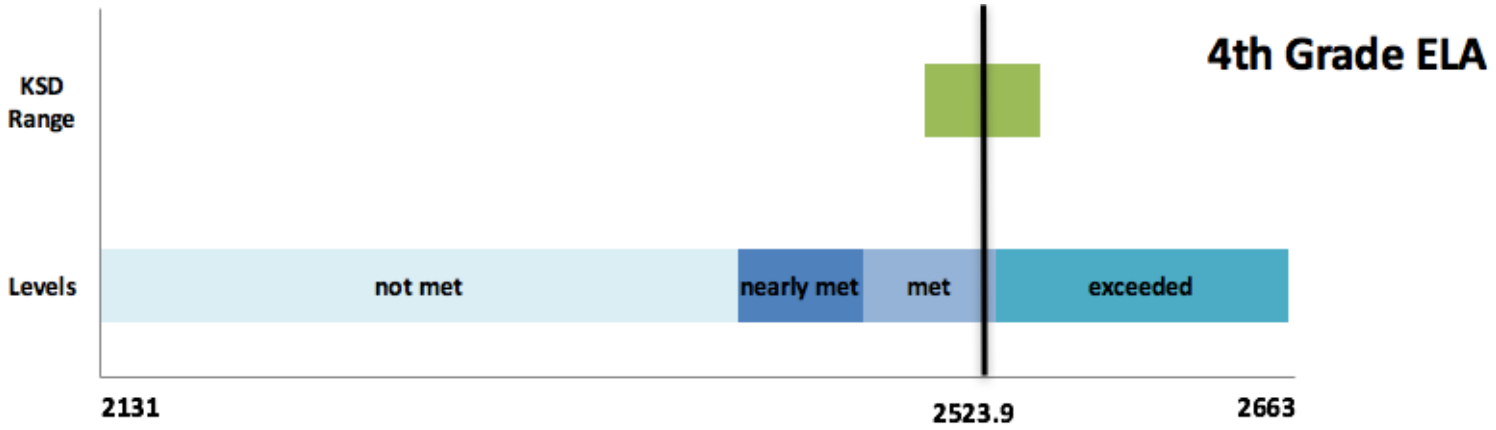
KENTFIELD SCHOOL DISTRICT

ELA RESULTS



KENTFIELD SCHOOL DISTRICT

ELA RESULTS

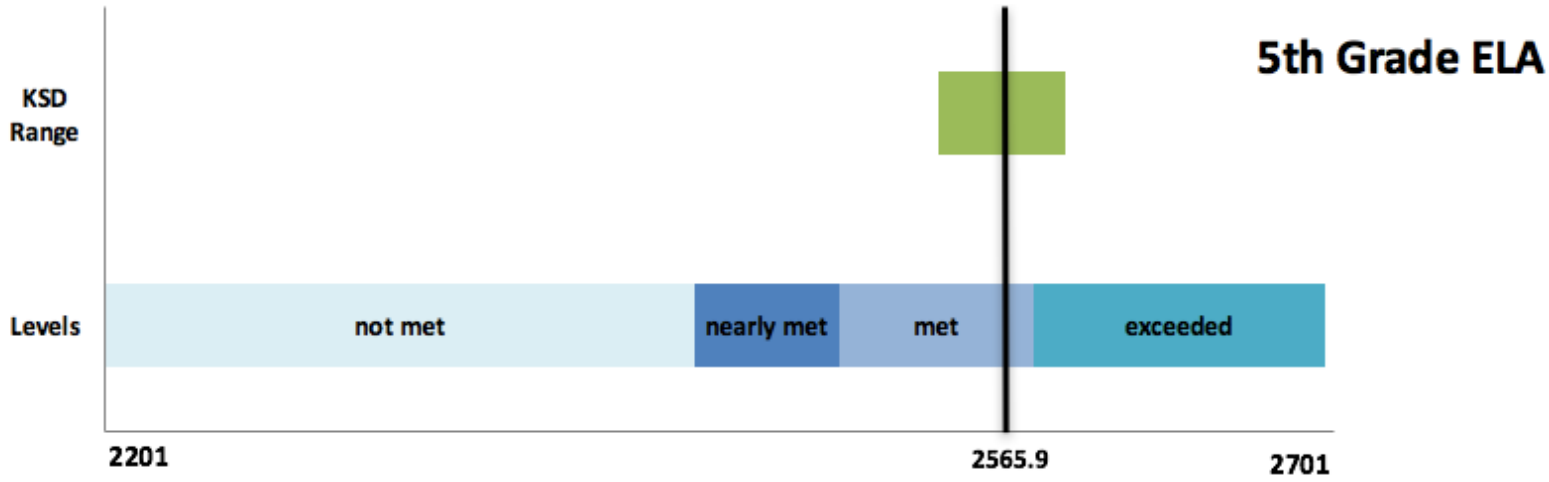


Achievement Level Distribution Over Time

	3rd Grade (2015)	4th Grade (2016)
Mean Scale Score	**2464.5**	**2523.9**
Standard Exceeded: Level 4	42 %	49 %
Standard Met: Level 3	26 %	30 %
Standard Nearly Met: Level 2	21 %	11 %
Standard Not Met: Level 1	10 %	11 %

KENTFIELD SCHOOL DISTRICT

ELA RESULTS

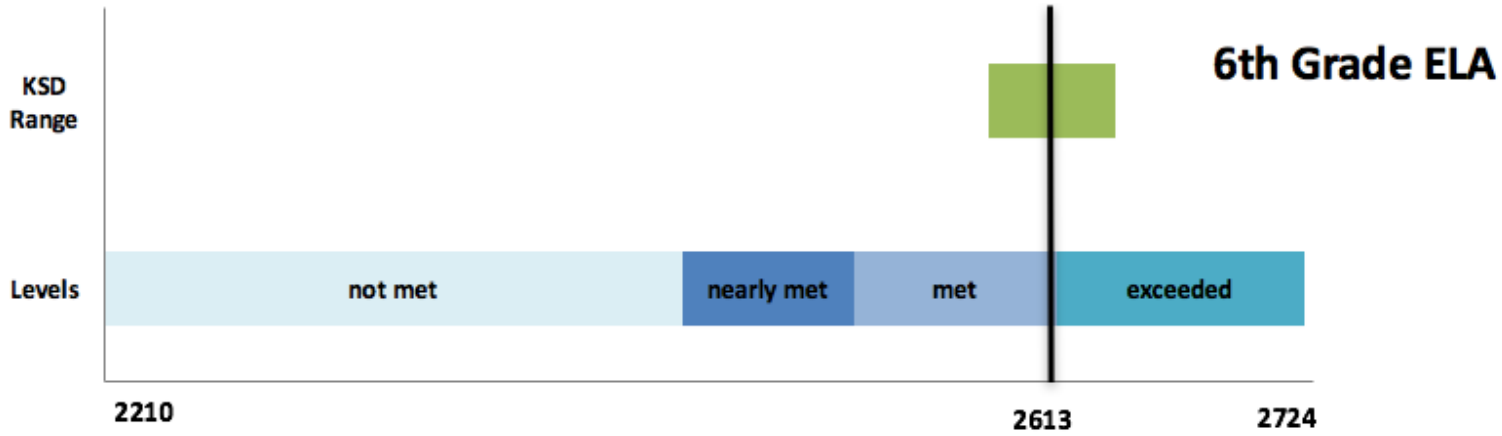


Achievement Level Distribution Over Time

	4th Grade (2015)	5th Grade (2016)
Mean Scale Score	**2514.2**	**2565.9**
Standard Exceeded: Level 4	45 %	44 %
Standard Met: Level 3	25 %	38 %
Standard Nearly Met: Level 2	19 %	13 %
Standard Not Met: Level 1	10 %	5 %

KENTFIELD SCHOOL DISTRICT

ELA RESULTS

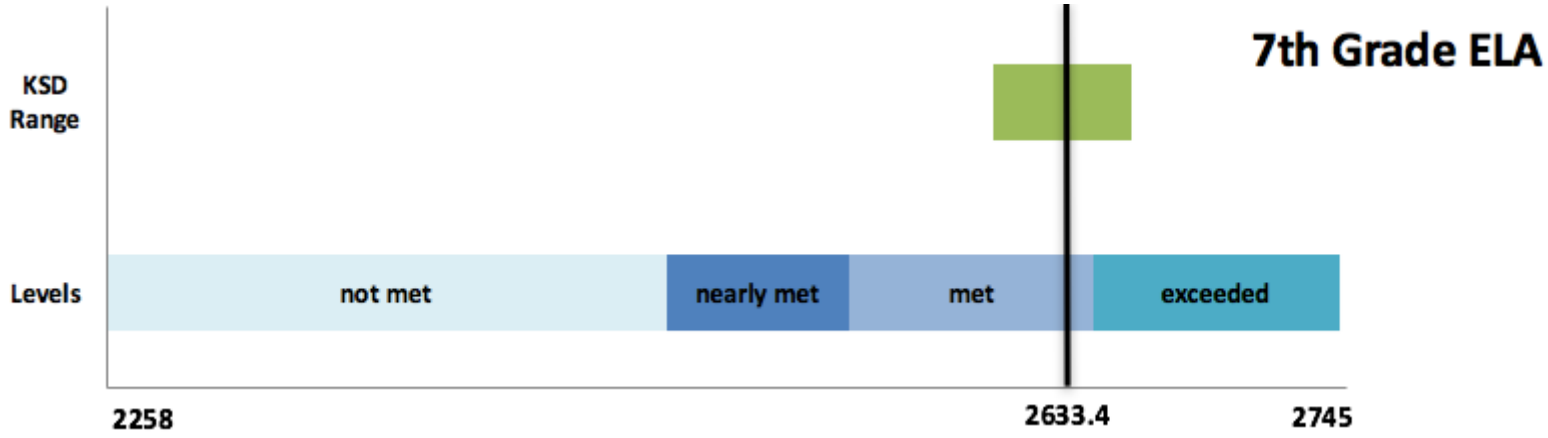


Achievement Level Distribution Over Time

	5th Grade (2015)	6th Grade (2016)
Mean Scale Score	**2565.2**	**2613.0**
Standard Exceeded: Level 4	48 %	54 %
Standard Met: Level 3	29 %	34 %
Standard Nearly Met: Level 2	18 %	9 %
Standard Not Met: Level 1	5 %	3 %

KENTFIELD SCHOOL DISTRICT

ELA RESULTS

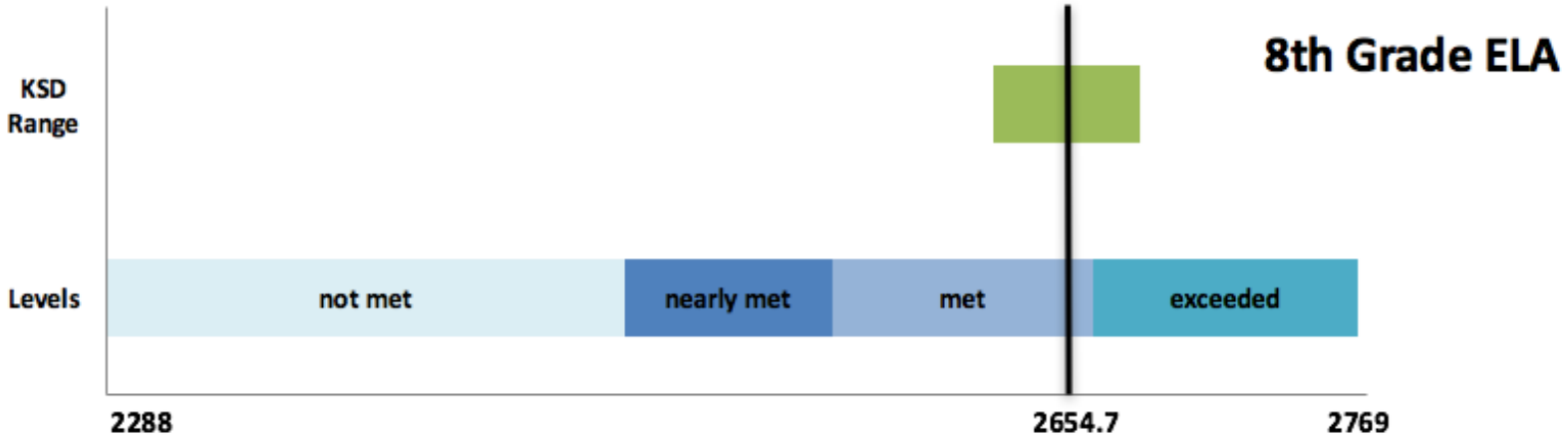


Achievement Level Distribution Over Time

	6th Grade (2015)	7th Grade (2016)
Mean Scale Score	**2604.6**	**2633.4**
Standard Exceeded: Level 4	45 %	46 %
Standard Met: Level 3	39 %	39 %
Standard Nearly Met: Level 2	14 %	13 %
Standard Not Met: Level 1	3 %	2 %

KENTFIELD SCHOOL DISTRICT

ELA RESULTS



Achievement Level Distribution Over Time

	7th Grade (2015)	8th Grade (2016)
Mean Scale Score	**2634.9**	**2654.7**
Standard Exceeded: Level 4	47 %	50 %
Standard Met: Level 3	42 %	38 %
Standard Nearly Met: Level 2	6 %	8 %
Standard Not Met: Level 1	5 %	4 %

KENTFIELD SCHOOL DISTRICT

MATHEMATICS

Concepts and Procedures: Applying mathematical concepts and procedures

Problem Solving/Modeling and Data Analysis: Using appropriate tools and strategies to solve real world and mathematical problems

Communicating Reasoning: Demonstrating ability to support mathematical conclusions

KENTFIELD SCHOOL DISTRICT

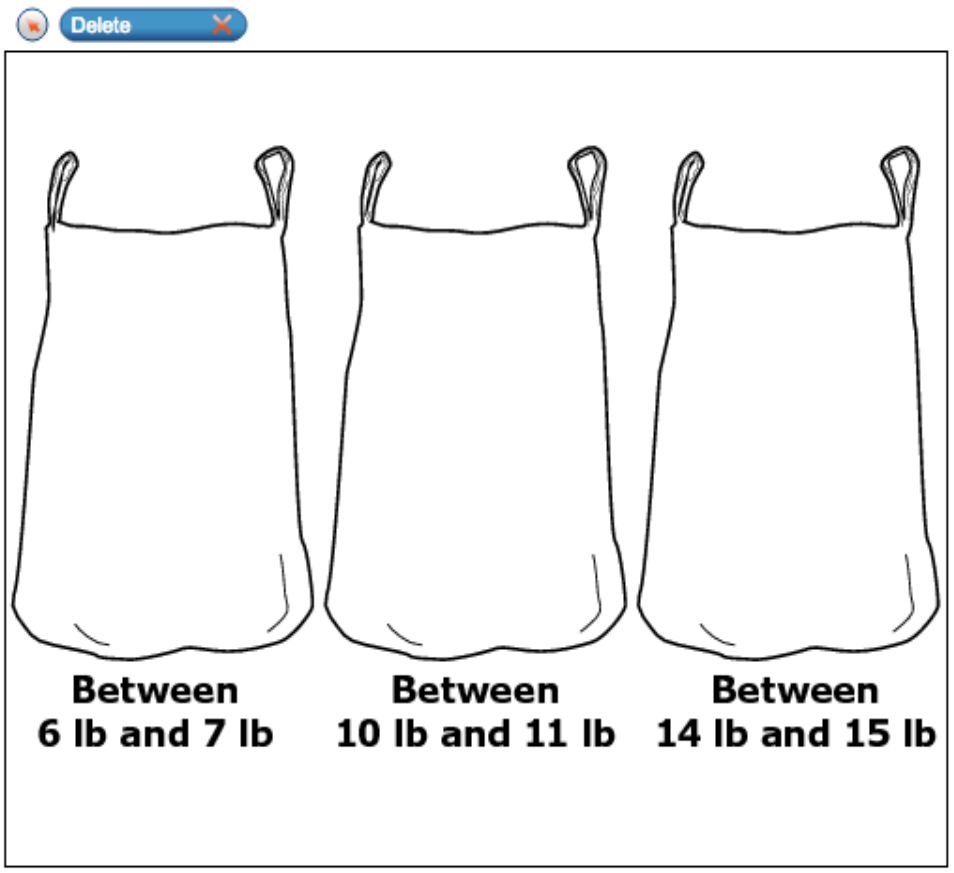
MATHEMATICS

43328

Jared is testing how much weight a bag can hold. He plans to put juice bottles into three bags. He wants each bag to have a total weight within the given range.

- Drag juice bottles into each bag so that the weight is within the given range.
- Leave the bag empty if the given range is not possible using juice bottles.

Click and Drag animation



KENTFIELD SCHOOL DISTRICT

MATHEMATICS

Back Next Save Pause

Zoom Out Zoom In

COMMUNITY GARDEN

Your class is going to plant vegetables in a section of the local community garden. The garden manager has provided an area to plant the vegetables as follows:

The total area for the class to plant vegetables will be a rectangle 40 feet long and 30 feet wide.

The class has decided to plant four rectangular sections of the class garden with vegetables according to this plan:

- **1/4 of the garden will be planted with carrots.**
- **1/6 of the garden will be planted with potatoes.**
- **1/8 of the garden will be planted with broccoli.**
- **1/12 of the garden will be planted with corn.**

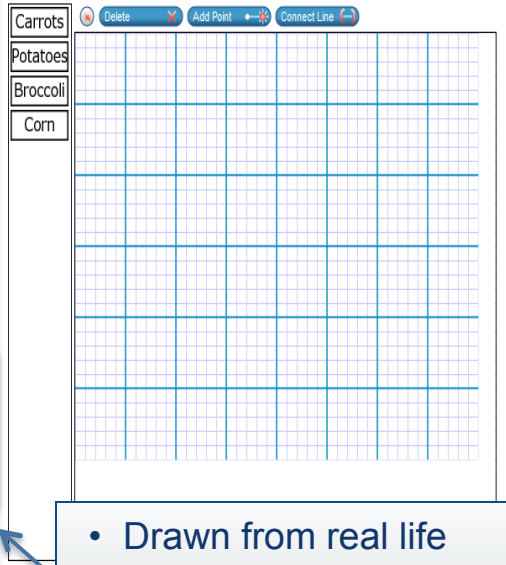
In this task, you will analyze the class plan and determine an alternate plan that will help make the m[illegible]se of the available area.

"Analyze the class plan and determine an alternative that will help make the most of the available area "

1

Using the connect line tool, draw rectangles on this model of the garden to represent the four rectangular sections for planting vegetables according to the class plan. The garden model is divided into 5 feet by 5 feet sections.

- Use whole number side lengths.
- Each square on the model represents 1 square foot.
- Drag the correct label that shows the vegetable for each section.



- Drawn from real life
- Requires multiple steps
- No one right answer

KENTFIELD SCHOOL DISTRICT

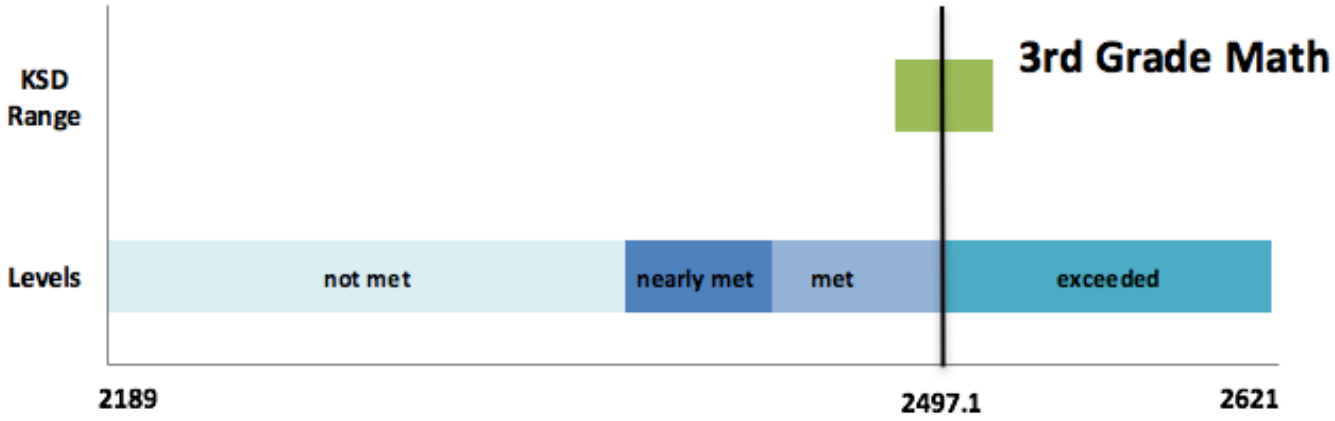
MATHEMATICS

Sample Test Questions

- 3rd Items and Performance Task
- 4th Items and Performance Task
- 5th Items and Performance Task
- 6th Items and Performance Task
- 7th Items and Performance Task
- 8th Items and Performance Task

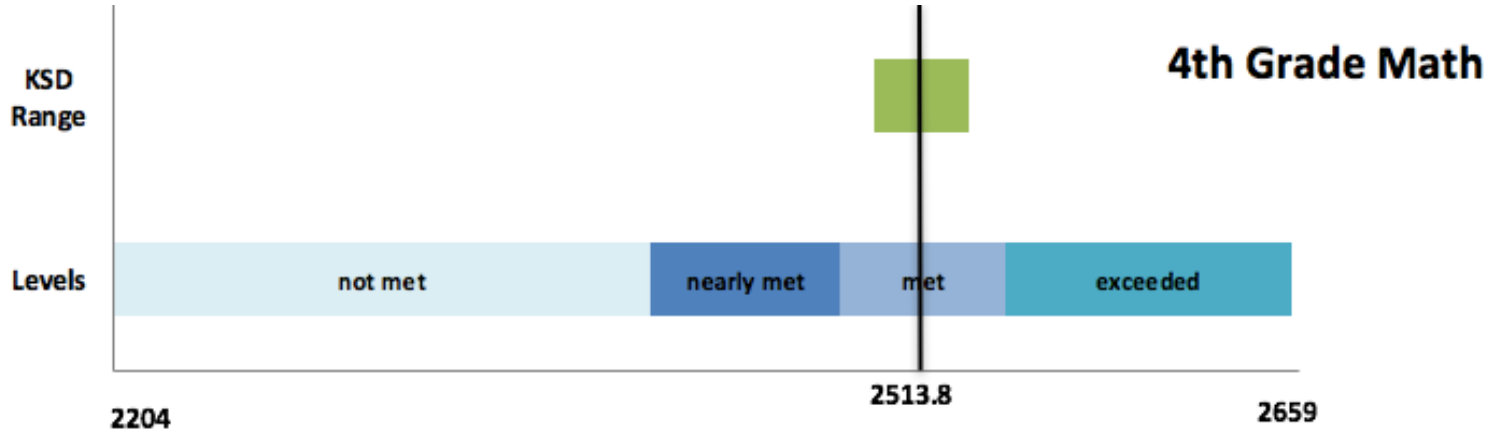
KENTFIELD SCHOOL DISTRICT

MATH RESULTS



KENTFIELD SCHOOL DISTRICT

MATH RESULTS

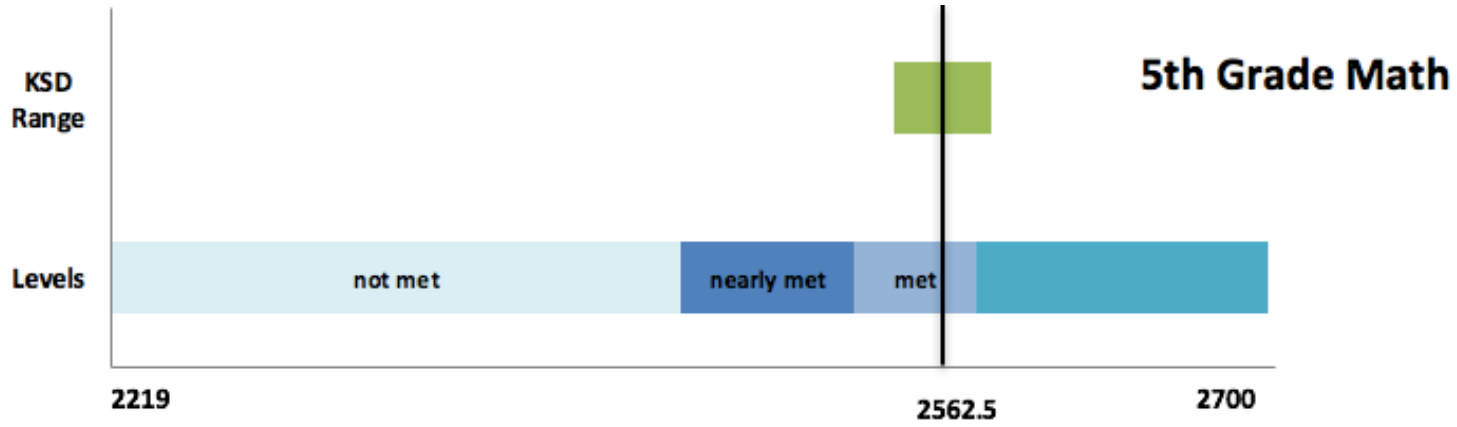


Achievement Level Distribution Over Time

	3rd Grade (2015)	4th Grade (2016)
Mean Scale Score	**2480.3**	**2513.8**
Standard Exceeded: Level 4	39 %	31 %
Standard Met: Level 3	38 %	36 %
Standard Nearly Met: Level 2	15 %	26 %
Standard Not Met: Level 1	9 %	6 %

KENTFIELD SCHOOL DISTRICT

MATH RESULTS

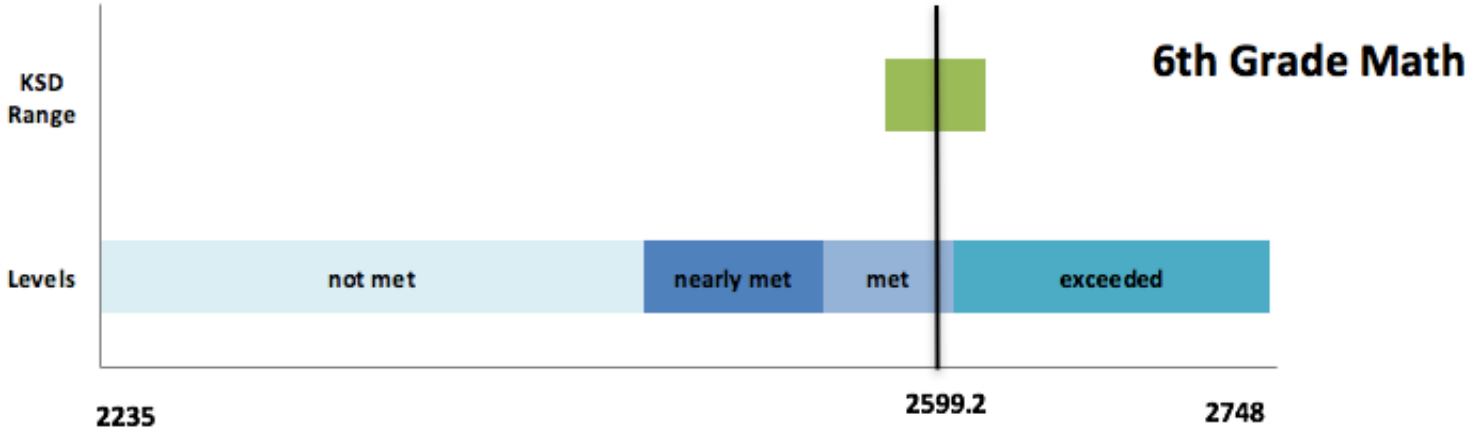


Achievement Level Distribution Over Time

	4th Grade (2015)	5th Grade (2016)
Mean Scale Score	**2508.2**	**2562.5**
Standard Exceeded: Level 4	28 %	44 %
Standard Met: Level 3	41 %	23 %
Standard Nearly Met: Level 2	24 %	22 %
Standard Not Met: Level 1	7 %	10 %

KENTFIELD SCHOOL DISTRICT

MATH RESULTS

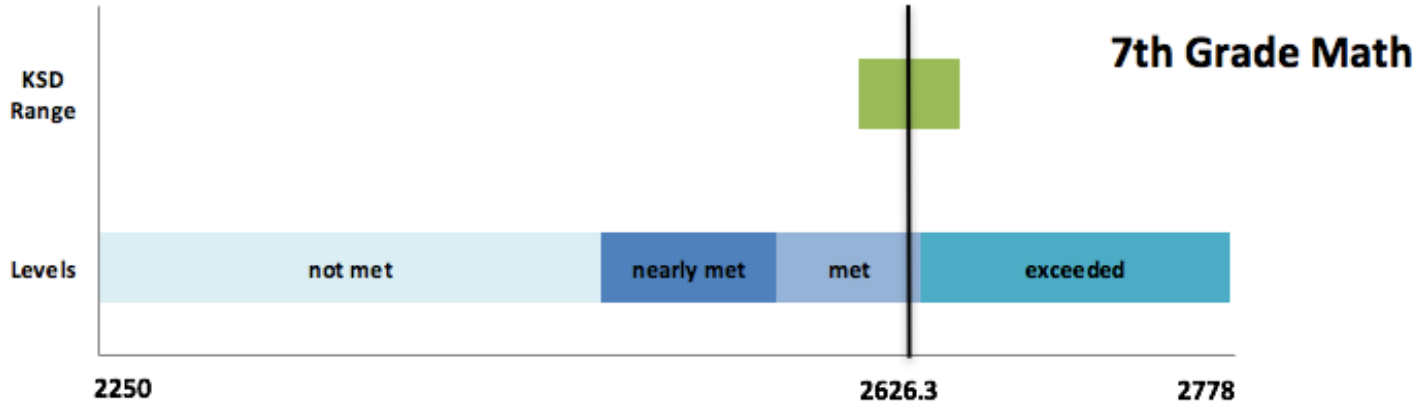


Achievement Level Distribution Over Time

	5th Grade (2015)	6th Grade (2016)
Mean Scale Score	**2573.6**	**2599.2**
Standard Exceeded: Level 4	54 %	51 %
Standard Met: Level 3	20 %	26 %
Standard Nearly Met: Level 2	19 %	17 %
Standard Not Met: Level 1	8 %	6 %

KENTFIELD SCHOOL DISTRICT

MATH RESULTS

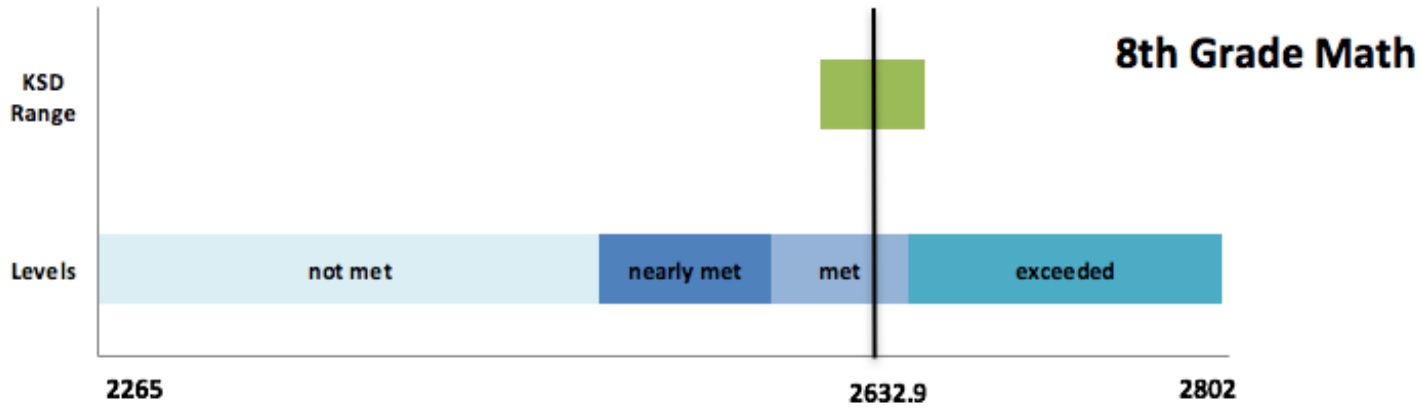


Achievement Level Distribution Over Time

	6th Grade (2015)	7th Grade (2016)
Mean Scale Score	**2605.5**	**2626.3**
Standard Exceeded: Level 4	49 %	51 %
Standard Met: Level 3	27 %	30 %
Standard Nearly Met: Level 2	21 %	12 %
Standard Not Met: Level 1	2 %	8 %

KENTFIELD SCHOOL DISTRICT

MATH RESULTS



Achievement Level Distribution Over Time

	7th Grade (2015)	8th Grade (2016)
Mean Scale Score	**2617.6**	**2632.9**
Standard Exceeded: Level 4	44 %	42 %
Standard Met: Level 3	32 %	31 %
Standard Nearly Met: Level 2	18 %	19 %
Standard Not Met: Level 1	7 %	8 %

KENTFIELD SCHOOL DISTRICT

SCALE SCORE COMPARISON NEIGHBORING DISTRICTS 2016

	LA	Difference	SEM		Math	Difference	SEM
3rd			23				18
KSD	2479.9	0			2497.1	0	
DIST A	2483.1	3.2			2509.6	12.5	
DIST B	2528.8	48.9			2516.1	19	
DIST C	2483.5	3.6			2493.5	-3.6	
4th			26				18
KSD	2523.9	0			2513.8	0	
DIST A	2526.5	2.6			2540.1	26.3	
DIST B	2543.6	19.7			2536	22.2	
DIST C	2539.8	15.9			2537.7	23.9	
5th			26				20
KSD	2565.9	0			2562.5	0	
DIST A	2584.7	18.8			2590.7	28.2	
DIST B	2578.3	12.4			2566.3	3.8	
DIST C	2582.7	16.8			2578.6	16.1	
6th			27				22
KSD	2613	0			2599.2	0	
DIST A	2589.4	-23.6			2616	16.8	
DIST B	2578.7	-34.3			2583.4	-15.8	
DIST C	2592.1	-20.9			2588.8	-10.4	
7th			27				23
KSD	2633.4	0			2626.3	0	
DIST A	2630.9	-2.5			2635.4	9.1	
DIST B	2640.8	7.4			2640.7	14.4	
DIST C	2619.8	-13.6			2616.8	-9.5	
8th			28				26
KSD	2654.7	0			2632.9	0	
DIST A	2649.1	-5.6			2657.7	24.8	
DIST B	2639.3	-15.4			2653.4	20.5	
DIST C	2641.4	-13.3			2663.4	30.5	

KENTFIELD SCHOOL DISTRICT

NEXT STEPS

- Use interim assessments to judge effectiveness of learning goals
- Develop a guide for teachers to access own student scores through Data Director
- Await release of statewide accountability targets. In collaboration with KTA, incorporate targets into LCAP.

KENTFIELD SCHOOL DISTRICT