



STAAR Item Analysis with Responses by Item for RAYMOND MAYS MIDDLE SCHOOL

Subject: Mathematics Curriculum: Grade 08 Language: E Administration: 4 2014 Test Version(s): STAAR,STAAR-L
Demographic Group(s): All Students
Student Count: 79 Source: Admin

#	Course	Reporting Standard/Student Expectation	Correct	A/F	B/G	C/H	D/J	Other
1	Math-Gr8	Rpt Cat 2 - The student will demonstrate an understanding of patterns, relationships, and algebraic reasoning. SE: 8.03B - The student is expected to estimate and find solutions to application problems involving percents and other proportional relationships such as similarity and rates (R) TEA 2012 Mapped SE(s): 8.5E DUAL: 8.14A - The student is expected to identify and apply mathematics to everyday experiences, to activities in and outside of school, with other disciplines, and with other mathematical topics (P) TEA 2012 Mapped SE(s): 8.1A	C 51%	12 15%	23 29%	40 51%	4 5%	0 0%
2	Math-Gr8	Rpt Cat 3 - The student will demonstrate an understanding of geometry and spatial reasoning. SE: 8.06B - The student is expected to graph dilations, reflections, and translations on a coordinate plane (S) TEA 2012 Mapped SE(s): 8.10A, 8.10C, 8.3B, 8.3C DUAL:	F 85%	67 85%	0 0%	7 9%	5 6%	0 0%
3	Math-Gr8	Rpt Cat 1 - The student will demonstrate an understanding of numbers, operations, and quantitative reasoning. SE: 8.02B - The student is expected to use appropriate operations to solve problems involving rational numbers in problem situations (R) DUAL: 8.14B - The student is expected to use a problem-solving model that incorporates understanding the problem, making a plan, carrying out the plan, and evaluating the solution for reasonableness (P) TEA 2012 Mapped SE(s): 8.1B	D 72%	8 10%	8 10%	5 6%	57 72%	1 1%
4	Math-Gr8	Rpt Cat 5 - The student will demonstrate an understanding of probability and Statistics SE: 8.13B - The student is expected to recognize misuses of graphical or numerical information and evaluate predictions and conclusions based on data analysis (R) DUAL: 8.15A - The student is expected to communicate mathematical ideas using language, efficient tools, appropriate units, and graphical, numerical, physical, or algebraic mathematical models (P) TEA 2012 Mapped SE(s): 8.1D	G 76%	3 4%	60 76%	11 14%	5 6%	0 0%
5	Math-Gr8	Rpt Cat 4 - The student will demonstrate an understanding of the concepts and uses of measurement SE: 8.09B - The student is expected to use proportional relationships in similar two-dimensional figures or similar three-dimensional figures to find missing measurements (R) DUAL:	D 59%	16 20%	6 8%	8 10%	47 59%	2 3%
6	Math-Gr8	Rpt Cat 5 - The student will demonstrate an understanding of probability and Statistics SE: 8.11A - The student is expected to find the probabilities of dependent and independent events (R) DUAL: 8.14A - The student is expected to identify and apply mathematics to everyday experiences, to activities in and outside of school, with other disciplines, and with other mathematical topics (P) TEA 2012 Mapped SE(s): 8.1A	F 30%	24 30%	41 52%	10 13%	4 5%	0 0%

* Standard type: Green - Readiness, Blue - Supporting, Purple - Process

* Level of concern: Red - Challenging(<70%), Orange - Moderate(70-79%), Yellow - Low Risk(80-100%)



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#	Course	Reporting Standard/Student Expectation	Correct	A/F	B/G	C/H	D/J	Other
7	Math-Gr8	Rpt Cat 1 - The student will demonstrate an understanding of numbers, operations, and quantitative reasoning. SE: 8.02A - The student is expected to select appropriate operations to solve problems involving rational numbers and justify the selections (S) DUAL: 8.16B - The student is expected to validate his/her conclusions using mathematical properties and relationships (P) TEA 2012 Mapped SE(s): 8.1G	C 70%	7 9%	16 20%	55 70%	1 1%	0 0%
8	Math-Gr8	Rpt Cat 5 - The student will demonstrate an understanding of probability and Statistics SE: 8.11B - The student is expected to use theoretical probabilities and experimental results to make predictions and decisions (S) DUAL: 8.14A - The student is expected to identify and apply mathematics to everyday experiences, to activities in and outside of school, with other disciplines, and with other mathematical topics (P) TEA 2012 Mapped SE(s): 8.1A	J 61%	15 19%	14 18%	2 3%	48 61%	0 0%
9	Math-Gr8	Rpt Cat 4 - The student will demonstrate an understanding of the concepts and uses of measurement SE: 8.09A - The student is expected to use the Pythagorean Theorem to solve real-life problems (R) TEA 2012 Mapped SE(s): 8.7C, 8.7D DUAL: 8.14B - The student is expected to use a problem-solving model that incorporates understanding the problem, making a plan, carrying out the plan, and evaluating the solution for reasonableness (P) TEA 2012 Mapped SE(s): 8.1B	D 49%	18 23%	18 23%	4 5%	39 49%	0 0%
10	Math-Gr8	Rpt Cat 3 - The student will demonstrate an understanding of geometry and spatial reasoning. SE: 8.06A - The student is expected to generate similar figures using dilations including enlargements and reductions (R) DUAL: 8.14A - The student is expected to identify and apply mathematics to everyday experiences, to activities in and outside of school, with other disciplines, and with other mathematical topics (P) TEA 2012 Mapped SE(s): 8.1A	F 75%	59 75%	14 18%	6 8%	0 0%	0 0%
11	Math-Gr8	Rpt Cat 4 - The student will demonstrate an understanding of the concepts and uses of measurement SE: 8.08A - The student is expected to find lateral and total surface area of prisms, pyramids, and cylinders using concrete models and nets (two-dimensional models) (S) TEA 2012 Mapped SE(s): 8.6A, 8.6B DUAL: 8.14D - The student is expected to select tools such as real objects, manipulatives, paper/pencil, and technology or techniques such as mental math, estimation, and number sense to solve problems (P) TEA 2012 Mapped SE(s): 8.1C	B 32%	26 33%	25 32%	21 27%	7 9%	0 0%

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#	Course	Reporting Standard/Student Expectation	Correct	A/F	B/G	C/H	D/J	Other
12	Math-Gr8	Rpt Cat 3 - The student will demonstrate an understanding of geometry and spatial reasoning. SE: 8.07D - The student is expected to locate and name points on a coordinate plane using ordered pairs of rational numbers (S) DUAL: 	J 58%	6 8%	9 11%	18 23%	46 58%	0 0%
13	Math-Gr8	Rpt Cat 2 - The student will demonstrate an understanding of patterns, relationships, and algebraic reasoning. SE: 8.03A - The student is expected to compare and contrast proportional and non-proportional linear relationships (S) TEA 2012 Mapped SE(s): 8.5F, 8.5H DUAL: 8.14A - The student is expected to identify and apply mathematics to everyday experiences, to activities in and outside of school, with other disciplines, and with other mathematical topics (P) TEA 2012 Mapped SE(s): 8.1A 	C 49%	16 20%	18 23%	39 49%	6 8%	0 0%
14	Math-Gr8	Rpt Cat 4 - The student will demonstrate an understanding of the concepts and uses of measurement SE: 8.08C - The student is expected to estimate measurements and use formulas to solve application problems involving lateral and total surface area and volume (R) TEA 2012 Mapped SE(s): 8.7A, 8.7B DUAL: 8.14B - The student is expected to use a problem-solving model that incorporates understanding the problem, making a plan, carrying out the plan, and evaluating the solution for reasonableness (P) TEA 2012 Mapped SE(s): 8.1B 	F 28%	22 28%	33 42%	14 18%	10 13%	0 0%
15	Math-Gr8	Rpt Cat 2 - The student will demonstrate an understanding of patterns, relationships, and algebraic reasoning. SE: 8.05A - The student is expected to predict, find, and justify solutions to application problems using appropriate tables, graphs, and algebraic equations (R) TEA 2012 Mapped SE(s): 8.5E DUAL: 8.14A - The student is expected to identify and apply mathematics to everyday experiences, to activities in and outside of school, with other disciplines, and with other mathematical topics (P) TEA 2012 Mapped SE(s): 8.1A 	133 66%	52 66%	27 34%	0 0%	0 0%	0 0%
16	Math-Gr8	Rpt Cat 1 - The student will demonstrate an understanding of numbers, operations, and quantitative reasoning. SE: 8.01B - The student is expected to select and use appropriate forms of rational numbers to solve real-life problems including those involving proportional relationships (S) DUAL: 8.15A - The student is expected to communicate mathematical ideas using language, efficient tools, appropriate units, and graphical, numerical, physical, or algebraic mathematical models (P) TEA 2012 Mapped SE(s): 8.1D 	F 43%	34 43%	10 13%	3 4%	32 41%	0 0%

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17	Math-Gr8	Rpt Cat 2 - The student will demonstrate an understanding of patterns, relationships, and algebraic reasoning. SE: 8.04A - The student is expected to generate a different representation of data given another representation of data (such as a table, graph, equation, or verbal description). (R) TEA 2012 Mapped SE(s): 8.5A, 8.5B, 8.5I DUAL: 8.15A - The student is expected to communicate mathematical ideas using language, efficient tools, appropriate units, and graphical, numerical, physical, or algebraic mathematical models (P) TEA 2012 Mapped SE(s): 8.1D	B 44%	10 13%	35 44%	24 30%	10 13%	0 0%
18	Math-Gr8	Rpt Cat 4 - The student will demonstrate an understanding of the concepts and uses of measurement SE: 8.09A - The student is expected to use the Pythagorean Theorem to solve real-life problems (R) TEA 2012 Mapped SE(s): 8.7C, 8.7D DUAL: 8.14B - The student is expected to use a problem-solving model that incorporates understanding the problem, making a plan, carrying out the plan, and evaluating the solution for reasonableness (P) TEA 2012 Mapped SE(s): 8.1B	J 70%	17 22%	7 9%	0 0%	55 70%	0 0%
19	Math-Gr8	Rpt Cat 1 - The student will demonstrate an understanding of numbers, operations, and quantitative reasoning. SE: 8.01A - The student is expected to compare and order rational numbers in various forms including integers, percents, and positive and negative fractions and decimals (R) TEA 2012 Mapped SE(s): 8.2D DUAL:	B 44%	8 10%	35 44%	8 10%	28 35%	0 0%
20	Math-Gr8	Rpt Cat 2 - The student will demonstrate an understanding of patterns, relationships, and algebraic reasoning. SE: 8.05A - The student is expected to predict, find, and justify solutions to application problems using appropriate tables, graphs, and algebraic equations (R) TEA 2012 Mapped SE(s): 8.5E DUAL: 8.14C - The student is expected to select or develop an appropriate problem-solving strategy from a variety of different types, including drawing a picture, looking for a pattern, systematic guessing and checking, acting it out, making a table, working a simpler problem, or working backwards to solve a problem (P) TEA 2012 Mapped SE(s): 8.1B	F 71%	56 71%	13 16%	10 13%	0 0%	0 0%
21	Math-Gr8	Rpt Cat 5 - The student will demonstrate an understanding of probability and Statistics SE: 8.12A - The student is expected to select the appropriate measure of central tendency or range to describe a set of data and justify the choice for a particular situation (S) DUAL: 8.15A - The student is expected to communicate mathematical ideas using language, efficient tools, appropriate units, and graphical, numerical, physical, or algebraic mathematical models (P) TEA 2012 Mapped SE(s): 8.1D	C 62%	5 6%	7 9%	49 62%	18 23%	0 0%

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22	Math-Gr8	Rpt Cat 2 - The student will demonstrate an understanding of patterns, relationships, and algebraic reasoning. SE: 8.04A - The student is expected to generate a different representation of data given another representation of data (such as a table, graph, equation, or verbal description). (R) TEA 2012 Mapped SE(s): 8.5A, 8.5B, 8.5I DUAL: 8.15A - The student is expected to communicate mathematical ideas using language, efficient tools, appropriate units, and graphical, numerical, physical, or algebraic mathematical models (P) TEA 2012 Mapped SE(s): 8.1D	G 20%	20 25%	16 20%	26 33%	17 22%	0 0%
23	Math-Gr8	Rpt Cat 4 - The student will demonstrate an understanding of the concepts and uses of measurement SE: 8.08C - The student is expected to estimate measurements and use formulas to solve application problems involving lateral and total surface area and volume (R) TEA 2012 Mapped SE(s): 8.7A, 8.7B DUAL: 8.14C - The student is expected to select or develop an appropriate problem-solving strategy from a variety of different types, including drawing a picture, looking for a pattern, systematic guessing and checking, acting it out, making a table, working a simpler problem, or working backwards to solve a problem (P) TEA 2012 Mapped SE(s): 8.1B	C 33%	6 8%	27 34%	26 33%	19 24%	1 1%
24	Math-Gr8	Rpt Cat 1 - The student will demonstrate an understanding of numbers, operations, and quantitative reasoning. SE: 8.01C - The student is expected to approximate (mentally and with calculators) the value of irrational numbers as they arise from problem situations (such as pi, square root of 2); (S) TEA 2012 Mapped SE(s): 8.2B DUAL: 8.14C - The student is expected to select or develop an appropriate problem-solving strategy from a variety of different types, including drawing a picture, looking for a pattern, systematic guessing and checking, acting it out, making a table, working a simpler problem, or working backwards to solve a problem (P) TEA 2012 Mapped SE(s): 8.1B	J 24%	4 5%	5 6%	51 65%	19 24%	0 0%
25	Math-Gr8	Rpt Cat 4 - The student will demonstrate an understanding of the concepts and uses of measurement SE: 8.09B - The student is expected to use proportional relationships in similar two-dimensional figures or similar three-dimensional figures to find missing measurements (R) DUAL: 8.14B - The student is expected to use a problem-solving model that incorporates understanding the problem, making a plan, carrying out the plan, and evaluating the solution for reasonableness (P) TEA 2012 Mapped SE(s): 8.1B	C 35%	20 25%	21 27%	28 35%	10 13%	0 0%

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26	Math-Gr8	Rpt Cat 2 - The student will demonstrate an understanding of patterns, relationships, and algebraic reasoning. SE: 8.05B - The student is expected to find and evaluate an algebraic expression to determine any term in an arithmetic sequence (with a constant rate of change). (S) DUAL: 8.16A - The student is expected to make conjectures from patterns or sets of examples and nonexamples (P) TEA 2012 Mapped SE(s): 8.1F	F 54%	43 54%	10 13%	15 19%	11 14%	0 0%
27	Math-Gr8	Rpt Cat 3 - The student will demonstrate an understanding of geometry and spatial reasoning. SE: 8.07B - The student is expected to use geometric concepts and properties to solve problems in fields such as art and architecture (S) DUAL: 8.14B - The student is expected to use a problem-solving model that incorporates understanding the problem, making a plan, carrying out the plan, and evaluating the solution for reasonableness (P) TEA 2012 Mapped SE(s): 8.1B	C 28%	21 27%	21 27%	22 28%	15 19%	0 0%
28	Math-Gr8	Rpt Cat 5 - The student will demonstrate an understanding of probability and Statistics SE: 8.11A - The student is expected to find the probabilities of dependent and independent events (R) DUAL: 8.14A - The student is expected to identify and apply mathematics to everyday experiences, to activities in and outside of school, with other disciplines, and with other mathematical topics (P) TEA 2012 Mapped SE(s): 8.1A	G 37%	14 18%	29 37%	30 38%	6 8%	0 0%
29	Math-Gr8	Rpt Cat 2 - The student will demonstrate an understanding of patterns, relationships, and algebraic reasoning. SE: 8.03B - The student is expected to estimate and find solutions to application problems involving percents and other proportional relationships such as similarity and rates (R) TEA 2012 Mapped SE(s): 8.5E DUAL: 8.14B - The student is expected to use a problem-solving model that incorporates understanding the problem, making a plan, carrying out the plan, and evaluating the solution for reasonableness (P) TEA 2012 Mapped SE(s): 8.1B	A 41%	32 41%	22 28%	10 13%	14 18%	1 1%
30	Math-Gr8	Rpt Cat 1 - The student will demonstrate an understanding of numbers, operations, and quantitative reasoning. SE: 8.02B - The student is expected to use appropriate operations to solve problems involving rational numbers in problem situations (R) DUAL: 8.14B - The student is expected to use a problem-solving model that incorporates understanding the problem, making a plan, carrying out the plan, and evaluating the solution for reasonableness (P) TEA 2012 Mapped SE(s): 8.1B	G 54%	12 15%	43 54%	8 10%	13 16%	3 4%

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#	Course	Reporting Standard/Student Expectation	Correct	A/F	B/G	C/H	D/J	Other
31	Math-Gr8	Rpt Cat 3 - The student will demonstrate an understanding of geometry and spatial reasoning. SE: 8.06A - The student is expected to generate similar figures using dilations including enlargements and reductions (R) DUAL:	11.7 18%	14 18%	65 82%	0 0%	0 0%	0 0%
32	Math-Gr8	Rpt Cat 4 - The student will demonstrate an understanding of the concepts and uses of measurement SE: 8.09A - The student is expected to use the Pythagorean Theorem to solve real-life problems (R) TEA 2012 Mapped SE(s): 8.7C, 8.7D DUAL: 8.14B - The student is expected to use a problem-solving model that incorporates understanding the problem, making a plan, carrying out the plan, and evaluating the solution for reasonableness (P) TEA 2012 Mapped SE(s): 8.1B	G 27%	29 37%	21 27%	27 34%	2 3%	0 0%
33	Math-Gr8	Rpt Cat 1 - The student will demonstrate an understanding of numbers, operations, and quantitative reasoning. SE: 8.02C - The student is expected to evaluate a solution for reasonableness (S) DUAL: 8.14B - The student is expected to use a problem-solving model that incorporates understanding the problem, making a plan, carrying out the plan, and evaluating the solution for reasonableness (P) TEA 2012 Mapped SE(s): 8.1B	A 51%	40 51%	8 10%	8 10%	23 29%	0 0%
34	Math-Gr8	Rpt Cat 2 - The student will demonstrate an understanding of patterns, relationships, and algebraic reasoning. SE: 8.05A - The student is expected to predict, find, and justify solutions to application problems using appropriate tables, graphs, and algebraic equations (R) TEA 2012 Mapped SE(s): 8.5E DUAL: 8.14A - The student is expected to identify and apply mathematics to everyday experiences, to activities in and outside of school, with other disciplines, and with other mathematical topics (P) TEA 2012 Mapped SE(s): 8.1A	J 56%	6 8%	18 23%	11 14%	44 56%	0 0%
35	Math-Gr8	Rpt Cat 5 - The student will demonstrate an understanding of probability and Statistics SE: 8.13A - The student is expected to evaluate methods of sampling to determine validity of an inference made from a set of data (S) DUAL: 8.16B - The student is expected to validate his/her conclusions using mathematical properties and relationships (P) TEA 2012 Mapped SE(s): 8.1G	A 56%	44 56%	19 24%	4 5%	12 15%	0 0%

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36	Math-Gr8	Rpt Cat 2 - The student will demonstrate an understanding of patterns, relationships, and algebraic reasoning. SE: 8.03B - The student is expected to estimate and find solutions to application problems involving percents and other proportional relationships such as similarity and rates (R) TEA 2012 Mapped SE(s): 8.5E DUAL: 8.14B - The student is expected to use a problem-solving model that incorporates understanding the problem, making a plan, carrying out the plan, and evaluating the solution for reasonableness (P) TEA 2012 Mapped SE(s): 8.1B	H 37%	10 13%	17 22%	29 37%	23 29%	0 0%
37	Math-Gr8	Rpt Cat 3 - The student will demonstrate an understanding of geometry and spatial reasoning. SE: 8.06A - The student is expected to generate similar figures using dilations including enlargements and reductions (R) DUAL:	B 32%	20 25%	25 32%	26 33%	8 10%	0 0%
38	Math-Gr8	Rpt Cat 4 - The student will demonstrate an understanding of the concepts and uses of measurement SE: 8.08C - The student is expected to estimate measurements and use formulas to solve application problems involving lateral and total surface area and volume (R) TEA 2012 Mapped SE(s): 8.7A, 8.7B DUAL: 8.14B - The student is expected to use a problem-solving model that incorporates understanding the problem, making a plan, carrying out the plan, and evaluating the solution for reasonableness (P) TEA 2012 Mapped SE(s): 8.1B	F 13%	10 13%	19 24%	32 41%	18 23%	0 0%
39	Math-Gr8	Rpt Cat 4 - The student will demonstrate an understanding of the concepts and uses of measurement SE: 8.09B - The student is expected to use proportional relationships in similar two-dimensional figures or similar three-dimensional figures to find missing measurements (R) DUAL:	28 29%	23 29%	56 71%	0 0%	0 0%	0 0%
40	Math-Gr8	Rpt Cat 5 - The student will demonstrate an understanding of probability and Statistics SE: 8.13B - The student is expected to recognize misuses of graphical or numerical information and evaluate predictions and conclusions based on data analysis (R) DUAL: 8.16B - The student is expected to validate his/her conclusions using mathematical properties and relationships (P) TEA 2012 Mapped SE(s): 8.1G	J 44%	18 23%	19 24%	6 8%	35 44%	1 1%

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41	Math-Gr8	Rpt Cat 4 - The student will demonstrate an understanding of the concepts and uses of measurement SE: 8.10A - The student is expected to describe the resulting effects on perimeter and area when dimensions of a shape are changed proportionally (S) TEA 2012 Mapped SE(s): 8.10D DUAL: 8.15A - The student is expected to communicate mathematical ideas using language, efficient tools, appropriate units, and graphical, numerical, physical, or algebraic mathematical models (P) TEA 2012 Mapped SE(s): 8.1D	C 49%	9 11%	13 16%	39 49%	18 23%	0 0%
42	Math-Gr8	Rpt Cat 1 - The student will demonstrate an understanding of numbers, operations, and quantitative reasoning. SE: 8.01A - The student is expected to compare and order rational numbers in various forms including integers, percents, and positive and negative fractions and decimals (R) TEA 2012 Mapped SE(s): 8.2D DUAL:	J 48%	7 9%	14 18%	20 25%	38 48%	0 0%
43	Math-Gr8	Rpt Cat 3 - The student will demonstrate an understanding of geometry and spatial reasoning. SE: 8.07C - The student is expected to use pictures or models to demonstrate the Pythagorean Theorem (S) TEA 2012 Mapped SE(s): 8.6C DUAL: 8.15A - The student is expected to communicate mathematical ideas using language, efficient tools, appropriate units, and graphical, numerical, physical, or algebraic mathematical models (P) TEA 2012 Mapped SE(s): 8.1D	A 49%	39 49%	20 25%	10 13%	10 13%	0 0%
44	Math-Gr8	Rpt Cat 2 - The student will demonstrate an understanding of patterns, relationships, and algebraic reasoning. SE: 8.04A - The student is expected to generate a different representation of data given another representation of data (such as a table, graph, equation, or verbal description). (R) TEA 2012 Mapped SE(s): 8.5A, 8.5B, 8.5I DUAL: 8.15A - The student is expected to communicate mathematical ideas using language, efficient tools, appropriate units, and graphical, numerical, physical, or algebraic mathematical models (P) TEA 2012 Mapped SE(s): 8.1D	J 37%	13 16%	14 18%	23 29%	29 37%	0 0%
45	Math-Gr8	Rpt Cat 1 - The student will demonstrate an understanding of numbers, operations, and quantitative reasoning. SE: 8.02B - The student is expected to use appropriate operations to solve problems involving rational numbers in problem situations (R) DUAL: 8.14B - The student is expected to use a problem-solving model that incorporates understanding the problem, making a plan, carrying out the plan, and evaluating the solution for reasonableness (P) TEA 2012 Mapped SE(s): 8.1B	41.25 53%	42 53%	37 47%	0 0%	0 0%	0 0%

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46	Math-Gr8	Rpt Cat 4 - The student will demonstrate an understanding of the concepts and uses of measurement SE: 8.08B - The student is expected to connect models of prisms, cylinders, pyramids, spheres, and cones to formulas for volume of these objects (S) DUAL:	H 20%	25 32%	26 33%	16 20%	12 15%	0 0%
47	Math-Gr8	Rpt Cat 2 - The student will demonstrate an understanding of patterns, relationships, and algebraic reasoning. SE: 8.05A - The student is expected to predict, find, and justify solutions to application problems using appropriate tables, graphs, and algebraic equations (R) TEA 2012 Mapped SE(s): 8.5E DUAL: 8.14A - The student is expected to identify and apply mathematics to everyday experiences, to activities in and outside of school, with other disciplines, and with other mathematical topics (P) TEA 2012 Mapped SE(s): 8.1A	A 44%	35 44%	17 22%	18 23%	9 11%	0 0%
48	Math-Gr8	Rpt Cat 1 - The student will demonstrate an understanding of numbers, operations, and quantitative reasoning. SE: 8.02D - The student is expected to use multiplication by a constant factor (unit rate) to represent proportional relationships (S) TEA 2012 Mapped SE(s): 8.5A DUAL: 8.15A - The student is expected to communicate mathematical ideas using language, efficient tools, appropriate units, and graphical, numerical, physical, or algebraic mathematical models (P) TEA 2012 Mapped SE(s): 8.1D	H 37%	10 13%	17 22%	29 37%	23 29%	0 0%
49	Math-Gr8	Rpt Cat 2 - The student will demonstrate an understanding of patterns, relationships, and algebraic reasoning. SE: 8.03A - The student is expected to compare and contrast proportional and non-proportional linear relationships (S) TEA 2012 Mapped SE(s): 8.5F, 8.5H DUAL: 8.14C - The student is expected to select or develop an appropriate problem-solving strategy from a variety of different types, including drawing a picture, looking for a pattern, systematic guessing and checking, acting it out, making a table, working a simpler problem, or working backwards to solve a problem (P) TEA 2012 Mapped SE(s): 8.1B	B 58%	15 19%	46 58%	14 18%	4 5%	0 0%
50	Math-Gr8	Rpt Cat 1 - The student will demonstrate an understanding of numbers, operations, and quantitative reasoning. SE: 8.01A - The student is expected to compare and order rational numbers in various forms including integers, percents, and positive and negative fractions and decimals (R) TEA 2012 Mapped SE(s): 8.2D DUAL:	F 63%	50 63%	7 9%	6 8%	16 20%	0 0%

* Standard type: Green - Readiness, Blue - Supporting, Purple - Process

* Level of concern: Red - Challenging(<70%), Orange - Moderate(70-79%), Yellow - Low Risk(80-100%)



STAAR Item Analysis with Responses by Item for RAYMOND MAYS MIDDLE SCHOOL

Subject: Mathematics Curriculum: Grade 08 Language: E Administration: 4 2014 Test Version(s): STAAR,STAAR-L
Demographic Group(s): All Students
Student Count: 79 Source: Admin

#	Course	Reporting Standard/Student Expectation	Correct	A/F	B/G	C/H	D/J	Other
51	Math-Gr8	Rpt Cat 5 - The student will demonstrate an understanding of probability and Statistics SE: 8.11A - The student is expected to find the probabilities of dependent and independent events (R) DUAL: 8.14A - The student is expected to identify and apply mathematics to everyday experiences, to activities in and outside of school, with other disciplines, and with other mathematical topics (P) TEA 2012 Mapped SE(s): 8.1A	A 59%	47 59%	13 16%	8 10%	11 14%	0 0%
52	Math-Gr8	Rpt Cat 2 - The student will demonstrate an understanding of patterns, relationships, and algebraic reasoning. SE: 8.04A - The student is expected to generate a different representation of data given another representation of data (such as a table, graph, equation, or verbal description). (R) TEA 2012 Mapped SE(s): 8.5A, 8.5B, 8.5I DUAL: 8.15A - The student is expected to communicate mathematical ideas using language, efficient tools, appropriate units, and graphical, numerical, physical, or algebraic mathematical models (P) TEA 2012 Mapped SE(s): 8.1D	H 65%	16 20%	3 4%	51 65%	9 11%	0 0%
53	Math-Gr8	Rpt Cat 4 - The student will demonstrate an understanding of the concepts and uses of measurement SE: 8.09A - The student is expected to use the Pythagorean Theorem to solve real-life problems (R) TEA 2012 Mapped SE(s): 8.7C, 8.7D DUAL: 8.14B - The student is expected to use a problem-solving model that incorporates understanding the problem, making a plan, carrying out the plan, and evaluating the solution for reasonableness (P) TEA 2012 Mapped SE(s): 8.1B	D 75%	4 5%	8 10%	8 10%	59 75%	0 0%
54	Math-Gr8	Rpt Cat 5 - The student will demonstrate an understanding of probability and Statistics SE: 8.12B - The student is expected to draw conclusions and make predictions by analyzing trends in scatterplots (S) TEA 2012 Mapped SE(s): 8.11A, 8.5D DUAL: 8.14D - The student is expected to select tools such as real objects, manipulatives, paper/pencil, and technology or techniques such as mental math, estimation, and number sense to solve problems (P) TEA 2012 Mapped SE(s): 8.1C	G 65%	12 15%	51 65%	3 4%	13 16%	0 0%
55	Math-Gr8	Rpt Cat 3 - The student will demonstrate an understanding of geometry and spatial reasoning. SE: 8.07A - The student is expected to draw three-dimensional figures from different perspectives (S) DUAL: 8.15A - The student is expected to communicate mathematical ideas using language, efficient tools, appropriate units, and graphical, numerical, physical, or algebraic mathematical models (P) TEA 2012 Mapped SE(s): 8.1D	D 62%	13 16%	10 13%	7 9%	49 62%	0 0%

* Standard type: Green - Readiness, Blue - Supporting, Purple - Process

* Level of concern: Red - Challenging(<70%), Orange - Moderate(70-79%), Yellow - Low Risk(80-100%)



STAAR Item Analysis with Responses by Item for RAYMOND MAYS MIDDLE SCHOOL

Subject: Mathematics Curriculum: Grade 08 Language: E Administration: 4 2014 Test Version(s): STAAR,STAAR-L
Demographic Group(s): All Students
Student Count: 79 Source: Admin

#	Course	Reporting Standard/Student Expectation	Correct	A/F	B/G	C/H	D/J	Other
56	Math-Gr8	Rpt Cat 5 - The student will demonstrate an understanding of probability and Statistics SE: 8.12C - The student is expected to select and use an appropriate representation for presenting and displaying relationships among collected data, including line plots, line graphs, stem and leaf plots, circle graphs, bar graphs, box and whisker plots, histograms, and Venn diagrams, with and without the use of technology (S) DUAL: 8.15A - The student is expected to communicate mathematical ideas using language, efficient tools, appropriate units, and graphical, numerical, physical, or algebraic mathematical models (P) TEA 2012 Mapped SE(s): 8.1D	F 68%	54 68%	12 15%	7 9%	6 8%	0 0%

* Standard type: Green - Readiness, Blue - Supporting, Purple - Process

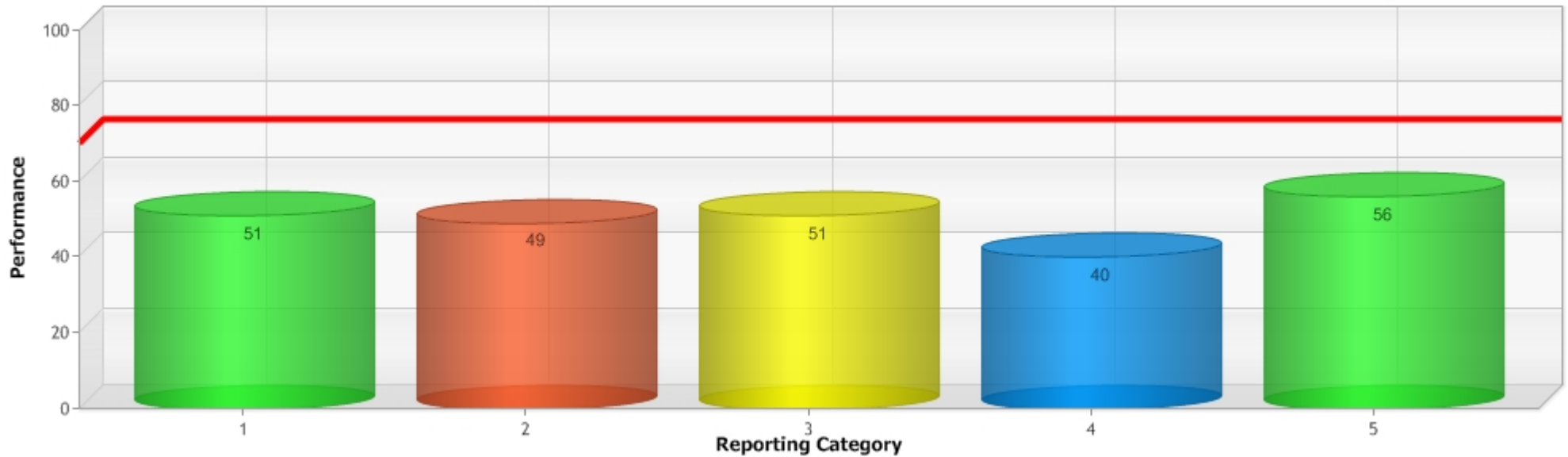
* Level of concern: Red - Challenging(<70%), Orange - Moderate(70-79%), Yellow - Low Risk(80-100%)

STAAR Reporting Category Performance for RAYMOND MAYS MIDDLE SCHOOL

Subject: Mathematics Curriculum: Grade 08 Language: E Administration: 4 2014 Test Version(s): STAAR,STAAR-L
Demographic Group(s): All Students
Student Count: 79 Source: Admin

Reporting Category	Description	# of Test Points	% of Total Points	Mastery
1	The student will demonstrate an understanding of numbers, operations, and quantitative reasoning.	11	20%	51%
2	The student will demonstrate an understanding of patterns, relationships, and algebraic reasoning.	14	25%	49%
3	The student will demonstrate an understanding of geometry and spatial reasoning.	8	14%	51%
4	The student will demonstrate an understanding of the concepts and uses of measurement	13	23%	40%
5	The student will demonstrate an understanding of probability and Statistics	10	18%	56%

* shaded row indicates mastery below 70%





STAAR Reporting Category SE Performance for RAYMOND MAYS MIDDLE SCHOOL

Subject: Mathematics Curriculum: Grade 08 Language: E Administration: 4 2014 Test Version(s): STAAR,STAAR-L
Demographic Group(s): All Students
Student Count: 79 Source: Admin

Reporting Category	Description	Points	Mastery	SE	Std	Course	Tested	Mastery
1	The student will demonstrate an understanding of numbers, operations, and quantitative reasoning.	11	51%	8.01A	R	Math-Gr8	3	52%
				8.02B	R	Math-Gr8	3	60%
				8.01B	S	Math-Gr8	1	43%
				8.01C	S	Math-Gr8	1	24%
				8.01D	S	Math-Gr8	N/T	N/T
				8.02A	S	Math-Gr8	1	70%
				8.02C	S	Math-Gr8	1	51%
				8.02D	S	Math-Gr8	1	37%
2	The student will demonstrate an understanding of patterns, relationships, and algebraic reasoning.	14	49%	8.03B	R	Math-Gr8	3	43%
				8.04A	R	Math-Gr8	4	41%
				8.05A	R	Math-Gr8	4	59%
				8.03A	S	Math-Gr8	2	54%
				8.05B	S	Math-Gr8	1	54%
3	The student will demonstrate an understanding of geometry and spatial reasoning.	8	51%	8.06A	R	Math-Gr8	3	41%
				8.06B	S	Math-Gr8	1	85%
				8.07A	S	Math-Gr8	1	62%
				8.07B	S	Math-Gr8	1	28%
				8.07C	S	Math-Gr8	1	49%
				8.07D	S	Math-Gr8	1	58%
4	The student will demonstrate an understanding of the concepts and uses of measurement	13	40%	8.08C	R	Math-Gr8	3	24%
				8.09A	R	Math-Gr8	4	55%
				8.09B	R	Math-Gr8	3	41%
				8.08A	S	Math-Gr8	1	32%
				8.08B	S	Math-Gr8	1	20%
				8.10A	S	Math-Gr8	1	49%
				8.10B	S	Math-Gr8	N/T	N/T
5	The student will demonstrate an understanding of probability and Statistics	10	56%	8.11A	R	Math-Gr8	3	42%
				8.13B	R	Math-Gr8	2	60%
				8.11B	S	Math-Gr8	1	61%
				8.12A	S	Math-Gr8	1	62%
				8.12B	S	Math-Gr8	1	65%
				8.12C	S	Math-Gr8	1	68%
				8.13A	S	Math-Gr8	1	56%

* Standard type: Green - Readiness, Blue - Supporting, Purple - Process
* Level of concern: Red - Challenging(<70%), Orange - Moderate(70-79%), Yellow - Low Risk(80-100%)



STAAR Reporting Category SE Performance for RAYMOND MAYS MIDDLE SCHOOL

Subject: Mathematics Curriculum: Grade 08 Language: E Administration: 4 2014 Test Version(s): STAAR,STAAR-L
Demographic Group(s): All Students
Student Count: 79 Source: Admin

Reporting Category	Description	Points	Mastery	SE	Std	Course	Tested	Mastery
	Process Skills			8.14A	P	Math-Gr8		N/T
				8.14B	P	Math-Gr8		N/T
				8.14C	P	Math-Gr8		N/T
				8.14D	P	Math-Gr8		N/T
				8.15A	P	Math-Gr8		N/T
				8.15B	P	Math-Gr8		N/T
				8.16A	P	Math-Gr8		N/T
				8.16B	P	Math-Gr8		N/T

* Standard type: Green - Readiness, Blue - Supporting, Purple - Process
* Level of concern: Red - Challenging(<70%), Orange - Moderate(70-79%), Yellow - Low Risk(80-100%)