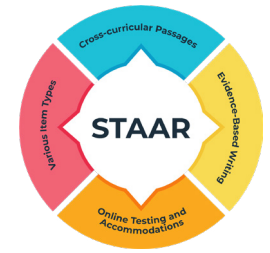# STAAR 2023-2024 • Blueprint Breakdown, English & Spanish
Grade 3 Math

STAAR

STAAR Grade 3 Math Blueprint:

Reporting Category	Standard #s		# of Questions	# of Points
	Readiness	Supporting		
1. Numerical Representations and Relationships	4	10	7-9	10-12
2. Computations and Algebraic Relationships	5	9	11-13	13-17
3. Geometry and Measurement	3	6	5-7	6-10
4. Data Analysis and Personal Financial Literacy	1	6	3-5	3-6
Total # of Standards on Test:	13	31		
Total % of Standards on Test:	30%	70%		

Questions per Number of Possible Points:

Question Type	# of Questions	% of Questions	# of Points	% of Points
1-Point Questions (multiple choice and non-multiple choice)	23	76.7%	23	62.2%
2-Point Questions (non-multiple choice)	7	23.3%	14	37.8%
Total:	30	100%	37	100%

2023 STAAR SE Analysis — Lowest Five Performance Snapshot for Region 13:

SE #	Student Expectation (SE)	Tested	Weight	% Correct
3.5A	Represent one- and two-step problems involving addition and subtraction of whole numbers to 1,000 using pictorial models, number lines, and equations (R)	2	7%	20%
3.7B	Determine the perimeter of a polygon or a missing length when given perimeter and remaining side lengths in problems (R)	1	3%	29%
3.3G	Explain that two fractions are equivalent if and only if they are both represented by the same point on the number line or represent the same portion of a same size whole for an area model (S)	1	3%	32%
3.7E	Determine liquid volume (capacity) or weight using appropriate units and tools (S)	1	3%	32%
3.4K	Solve one-step and two-step problems involving multiplication and division within 100 using strategies based on objects; pictorial models, including arrays, area models, and equal groups; properties of operations; or recall of facts (R)	1	3%	33%

Data Source: ESC Region 13, All Students, English STAAR

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STAAR 2023-2024 • Blueprint Breakdown, English & Spanish
Grade 4 Math

STAAR

STAAR Grade 4 Math Blueprint:

Reporting Category	Standard #s		# of Questions	# of Points
	Readiness	Supporting		
1. Numerical Representations and Relationships	3	10	7-9	8-12
2. Computations and Algebraic Relationships	5	7	10-12	12-16
3. Geometry and Measurement	4	7	8-10	9-13
4. Data Analysis and Personal Financial Literacy	1	4	3-5	3-6
Total # of Standards on Test:	13	28		
Total % of Standards on Test:	31%	69%		

Questions per Number of Possible Points:

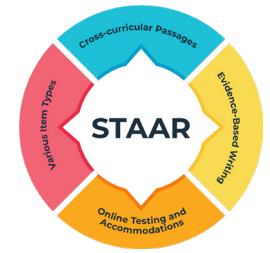| Question Type	# of Questions	% of Questions	# of Points	% of Points
1-Point Questions (multiple choice and non-multiple choice)	24	75%	24	60%
2-Point Questions (non-multiple choice)	8	25%	16	40%
Total:	32	100%	40	100%

2023 STAAR SE Analysis — Lowest Five Performance Snapshot for Region 13:

SE #	Student Expectation (SE)	Tested	Weight	% Correct
4.8C	Solve problems that deal with measurements of length, intervals of time, liquid volumes, mass, and money using addition, subtraction, multiplication, or division as appropriate (R)	2	6%	27%
4.4H	Solve with fluency one- and two-step problems involving multiplication and division, including interpreting remainders (R)	1	3%	31%
4.3E	Represent and solve addition and subtraction of fractions with equal denominators using objects and pictorial models that build to the number line and properties of operations (R)	1	3%	34%
4.3F	Evaluate the reasonableness of sums and differences of fractions using benchmark fractions 0, 1/4, 1/2, 3/4, and 1, referring to the same whole (S)	1	3%	37%
4.5A	Represent multi-step problems involving the four operations with whole numbers using strip diagrams and equations with a letter standing for the unknown quantity (R)	2	6%	40%

Data Source: ESC Region 13, All Students, English STAAR

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STAAR 2023-2024 • Blueprint Breakdown, English & Spanish
Grade 5 Math

STAAR
Cross-curricular Passages · Evidence-Based Writing · Online Testing and Accommodations · Various Item Types

STAAR Grade 5 Math Blueprint:

Reporting Category	Standard #s		# of Questions	# of Points
	Readiness	Supporting		
1. Numerical Representations and Relationships	2	4	5-7	5-9
2. Computations and Algebraic Relationships	6	9	15-17	17-21
3. Geometry and Measurement	3	5	7-9	8-12
4. Data Analysis and Personal Financial Literacy	1	6	3-5	3-7
Total # of Standards on Test:	12	24		
Total % of Standards on Test:	33.3%	66.7%		

Questions per Number of Possible Points:

Question Type	# of Questions	% of Questions	# of Points	% of Points
1-Point Questions (multiple choice and non-multiple choice)	26	76.5%	26	61.9%
2-Point Questions (non-multiple choice)	8	23.5%	16	38.1%
Total:	34	100%	42	100%

2023 STAAR SE Analysis — Lowest Five Performance Snapshot for Region 13:

SE #	Student Expectation (SE)	Tested	Weight	% Correct
5.3H	Represent and solve addition and subtraction of fractions with unequal denominators referring to the same whole using objects and pictorial models and properties of operations (S)	1	3%	20%
5.2C	Round decimals to tenths or hundredths (S)	1	3%	25%
5.3F	Represent quotients of decimals to the hundredths, up to four-digit dividends and two-digit whole number divisors, using objects and pictorial models, including area models (S)	1	3%	30%
5.3J	Represent division of a unit fraction by a whole number and the division of a whole number by a unit fraction such as 1/3 ÷ 7 and 7 ÷ 1/3 using objects and pictorial models, including area models (S)	1	3%	35%
5.4H	Represent and solve problems related to perimeter and/or area and related to volume (R)	2	6%	40%

Data Source: ESC Region 13, All Students, English STAAR

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REGION 13
EDUCATION SERVICE CENTER

STAAR 2023-2024 • Blueprint Breakdown, English & Spanish
Grade 6 Math

STAAR

STAAR Grade 6 Math Blueprint:

Reporting Category	Standard #s		# of Questions	# of Points
	Readiness	Supporting		
1. Numerical Representations and Relationships	4	11	8-10	8-13
2. Computations and Algebraic Relationships	6	11	13-15	14-19
3. Geometry and Measurement	3	3	5-7	5-9
4. Data Analysis and Personal Financial Literacy	3	10	6-8	6-10
Total # of Standards on Test:	16	35		
Total % of Standards on Test:	31%	69%		

Questions per Number of Possible Points:

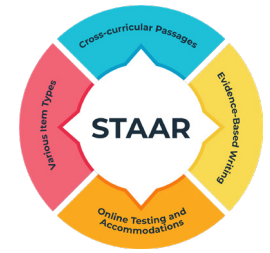| Question Type	# of Questions	% of Questions	# of Points	% of Points
1-Point Questions (multiple choice and non-multiple choice)	29	80.6%	29	67.4%
2-Point Questions (non-multiple choice)	7	19.4%	14	32.6%
Total:	36	100%	43	100%

2023 STAAR SE Analysis — Lowest Five Performance Snapshot for Region 13:

SE #	Student Expectation (SE)	Tested	Weight	% Correct
6.8D	Determine solutions for problems involving the area of rectangles, parallelograms, trapezoids, and triangles and volume of right rectangular prisms where dimensions are positive rational numbers (R)	1	3%	17%
6.12D	Summarize categorical data with numerical and graphical summaries, including the mode, the percent of values in each category (relative frequency table), and the percent bar graph, and use these summaries to describe the data distribution (R)	1	3%	21%
6.2B	Identify a number, its opposite, and its absolute value (S)	1	3%	27%
6.4B	Apply qualitative and quantitative reasoning to solve prediction and comparison of real-world problems involving ratios and rates (R)	2	6%	33%
6.5B	Solve real-world problems to find the whole given a part and the percent, to find the part given the whole and the percent, and to find the percent given the part and the whole, including the use of concrete and pictorial models (R)	2	6%	34%

Data Source: ESC Region 13, All Students, English STAAR

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STAAR 2023-2024 • Blueprint Breakdown, English & Spanish
Grade 7 Math

STAAR Grade 7 Math Blueprint:

Reporting Category	Standard #s		# of Questions	# of Points
	Readiness	Supporting		
1. Probability and Numerical Representations	2	5	4-6	4-8
2. Computations and Algebraic Relationships	5	7	14-16	16-21
3. Geometry and Measurement	4	5	11-13	11-16
4. Data Analysis and Personal Financial Literacy	2	8	5-7	5-9
Total # of Standards on Test:	13	25		
Total % of Standards on Test:	34%	66%		

Questions per Number of Possible Points:

Question Type	# of Questions	% of Questions	# of Points	% of Points
1-Point Questions (multiple choice and non-multiple choice)	30	78.9%	30	65.2%
2-Point Questions (non-multiple choice)	8	21.1%	16	34.8%
Total:	38	100%	46	100%

2023 STAAR SE Analysis — Lowest Five Performance Snapshot for Region 13:

SE #	Student Expectation (SE)	Tested	Weight	% Correct
7.5A	Generalize the critical attributes of similarity, including ratios within and between similar shapes (S)	1	3%	12%
7.11C	Write and solve equations using geometry concepts, including the sum of the angles in a triangle, and angle relationships (S)	1	3%	20%
7.6G	Solve problems using data represented in bar graphs, dot plots, and circle graphs, including part-to-whole and part-to-part comparisons and equivalents (R)	2	5%	25%
7.7A	Represent linear relationships using verbal descriptions, tables, graphs, and equations that simplify to the form y = mx + b (R)	2	5%	28%
7.10B	Represent solutions for one-variable, two-step equations and inequalities on number lines (S)	1	3%	28%

Data Source: ESC Region 13, All Students, English STAAR

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REGION 13
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STAAR 2023-2024 • Blueprint Breakdown, English & Spanish
Grade 8 Math

STAAR
Cross-curricular Passages · Evidence-Based Writing · Online Testing and Accommodations · Various Item Types

STAAR Grade 8 Math Blueprint:

Reporting Category	Standard #s		# of Questions	# of Points
	Readiness	Supporting		
1. Numerical Representations and Relationships	1	3	2-4	2-5
2. Computations and Algebraic Relationships	5	9	15-17	17-22
3. Geometry and Measurement	5	9	14-16	15-20
4. Data Analysis and Personal Financial Literacy	2	6	5-7	5-9
Total # of Standards on Test:	13	27		
Total % of Standards on Test:	32.5%	67.5%		

Questions per Number of Possible Points:

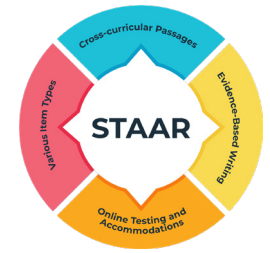| Question Type	# of Questions	% of Questions	# of Points	% of Points
1-Point Questions (multiple choice and non-multiple choice)	32	80%	32	66.7%
2-Point Questions (non-multiple choice)	8	20%	16	33.3%
Total:	40	100%	48	100%

2023 STAAR SE Analysis — Lowest Five Performance Snapshot for Region 13:

SE #	Student Expectation (SE)	Tested	Weight	% Correct
8.10D	Model the effect on linear and area measurements of dilated two-dimensional shapes (S)	1	3%	17%
8.5B	Represent linear non-proportional situations with tables, graphs, and equations in the form of $y = mx + b$, where $b \neq 0$ (S)	1	3%	27%
8.8C	Model and solve one-variable equations with variables on both sides of the equal sign that represent mathematical and real-world problems using rational number coefficients and constants (R)	2	5%	37%
8.5I	Write an equation in the form $y = mx + b$ to model a linear relationship between two quantities using verbal, numerical, tabular, and graphical representations (R)	2	5%	38%
8.4C	Use data from a table or graph to determine the rate of change or slope and y-intercept in mathematical and real-world problems (R)	2	5%	41%

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STAAR Algebra I Blueprint:

Reporting Category	Standard #s		# of Questions	# of Points
	Readiness	Supporting		
1. Number and Algebraic Methods	2	11	9-11	9-14
2. Describing and Graphing Linear Functions, Equations and Inequalities	3	8	10-12	10-16
3. Writing and Solving Linear Functions, Equations and Inequalities	5	7	12-14	12-18
4. Quadratic Functions and Equations	4	4	9-11	9-14
5. Exponential Functions and Equations	2	3	5-7	5-9
Total # of Standards on Test:	16	33		
Total % of Standards on Test:	32.7%	67.3%		

Questions per Number of Possible Points:

Question Type	# of Questions	% of Questions	# of Points	% of Points
1-Point Questions (multiple choice and non-multiple choice)	41	82%	41	69.5%
2-Point Questions (non-multiple choice)	9	18%	18	30.5%
Total:	50	100%	59	100%

2023 STAAR SE Analysis — Lowest Five Performance Snapshot for Region 13:

SE #	Student Expectation (SE)	Tested	Weight	% Correct
A.3G	Estimate graphically the solutions to systems of two linear equations with two variables in real-world problems (S)	1	2%	21%
A.11B	Simplify numeric and algebraic expressions using the laws of exponents, including integral and rational exponents (R)	2	4%	22%
A.8A	Solve quadratic equations having real solutions by factoring, taking square roots, completing the square, and applying the quadratic formula (R)	1	2%	30%
A.7C	Determine the effects on the graph of the parent function $f(x) = x^2$ when $f(x)$ is replaced by $af(x)$, $f(x) + d$, $f(x - c)$, $f(bx)$ for specific values of a, b, c, and d (R)	1	2%	32%
A.2A	Determine the domain and range of a linear function in mathematical problems; determine reasonable domain and range values for real-world situations, both continuous and discrete; and represent domain and range using inequalities (R)	2	4%	32%

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