STAAR 2024-2025 • Blueprint Breakdown, English & Spanish

Grade 5 Science Transition Year

STAAR Grade 5 Science Blueprint:

Reporting Category	Standard #s		# of Questions	# of Points
	Readiness	Supporting		
1. Matter and Engergy	1	3	4-6	5-8
2. Force, Motion, and Energy	2	2	6-8	7-10
3. Earth and Space	3	8	8-10	9-13
4. Organisms and Environments	2	3	10-12	11-15
Total # of Standards on Test:	8	16		
Total % of Standards on Test:	33%	67%		

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)	25	78.1%	25	64.1%
2-Point Questions (non-multiple choice)	7	21.9%	14	35.9%
Total:	32	100%	39	100%

*For the transition year assessments, additional questions for readiness and supporting standards may be included to ensure the number of questions for each Reporting Category on the test form aligns to the blueprint.

2024 STAAR SE Analysis — Lowest Five Performance Snapshot for Region 13:

SE #	Student Expectation (SE)	Tested	Weight	% Correct
4.7A	Examine properties of soils, including color and texture, capacity to retain water, and ability to support the growth of plants. (S)	1	3%	24%
5.6D	Design a simple experimental investigation that tests the effect of force on an object. (S)	1	3%	24%
4.8B	Describe and illustrate the continuous movement of water above and on the surface of Earth through the water cycle and explain the role of the Sun as a major source of energy in this process. (S)	1	3%	28%
5.7A	Explore the processes that led to the formation of sedimentary rocks and fossil fuels. (S)	1	3%	29%
5.6A	Explore the uses of energy, including mechanical, light, thermal, electrical, and sound energy. (R)	2	6%	38%

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

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Grade 8 Science Transition Year

STAAR Grade 8 Science Blueprint:

Reporting Category	Standard #s		# of Questions	# of Points
	Readiness	Supporting		
1. Matter and Engergy	2	3	9-11	10-14
2. Force, Motion, and Energy	3	4	7-9	8-12
3. Earth and Space	3	8	9-11	10-14
4. Organisms and Environments	1	11	9-11	10-14
Total # of Standards on Test:	9	26		
Total % of Standards on Test:	26%	74%		

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%

*For the transition year assessments, additional questions for readiness and supporting standards may be included to ensure the number of questions for each Reporting Category on the test form aligns to the blueprint.

2024 STAAR SE Analysis — Lowest Five Performance Snapshot for Region 13:

SE #	Student Expectation (SE)	Tested	Weight	% Correct
7.12B	Identify the main functions of the systems of the human organism, including the circulatory, respiratory, skeletal, muscular, digestive, excretory, reproductive, integumentary, nervous, and endocrine systems. (S)	1	3%	13%
8.7C	Relate the positions of the Moon and Sun to their effect on ocean tides. (S)	1	3%	23%
8.8A	Describe components of the universe, including stars, nebulae, and galaxies, and use models such as the Hertzsprung-Russell diagram for classification. (R)	1	3%	33%
8.6C	Investigate and describe applications of Newton's three laws of motion such as in vehicle restraints, sports activities, amusement park rides, Earth's tectonic activities, and rocket launches. (R)	2	5%	34%
8.7A	Model and illustrate how the tilted Earth rotates on its axis, causing day and night, and revolves around the Sun, causing changes in seasons. (R)	2	5%	38%

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

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Biology Transition Year

STAAR Biology Blueprint:

Reporting Category	Standard #s		# of Questions	# of Points
	Readiness	Supporting		
1. Cell Structure and Function	3	3	8-10	8-13
2. Mechanisms of Genetics	3	2	8-10	8-13
3. Biological Evolution and Classification	2	4	8-10	8-13
4. Biological Processes and Systems	3	2	8-10	8-13
5. Interdependence within Environmental Systems	3	1	8-10	8-13
Total # of Standards on Test:	14	12		
Total % of Standards on Test:	54%	46%		

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)	37	82%	37	70%
2-Point Questions (non-multiple choice)	8	18%	16	30%
Total:	45	100%	53	100%

*For the transition year assessments, additional questions for readiness and supporting standards may be included to ensure the number of questions for each Reporting Category on the test form aligns to the blueprint.

2024 STAAR SE Analysis — Lowest Five Performance Snapshot for Region 13:

SE #	Student Expectation (SE)	Tested	Weight	% Correct
B.4B	Investigate and explain cellular processes, including homeostasis and transport of molecules. (R)	2	4%	22%
B.7B	Examine scientific explanations of abrupt appearance and stasis in the fossil record. (S)	1	2%	25%
B.7F	Analyze other evolutionary mechanisms, including genetic drift, gene flow, mutation, and recombination. (S)	1	2%	29%
B.12A	Interpret relationships, including predation, parasitism, commensalism, mutualism, and competition , among organisms. (R)	2	4%	31%
B.6B	Recognize that components that make up the genetic code are common to all organisms. (S)	1	2%	35%

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