



STAAR Item Analysis with Responses by Item

for CRAWFORD ISD

Subject: Science Curriculum: Grade 05 Language: E Administration: 4 2013 Test Version(s): STAAR,STAAR-L
 Demographic Group(s): All Students
 Student Count: 46 Source: Admin

#	Course	Reporting Standard/Student Expectation	Correct	A/F	B/G	C/H	D/J	Other
1	Sci-Gr3	Rpt Cat 2 - The student will demonstrate an understanding of force, motion, and energy and their relationships. SE: 6B - demonstrate and observe how position and motion can be changed by pushing and pulling objects to show work being done such as swings, balls, pulleys, and wagons (S) DUAL: 2D - analyze and interpret information to construct reasonable explanations from direct (observable) and indirect (inferred) evidence (P)	B 96%	1 2%	44 96%	0 0%	1 2%	0 0%
2	Sci-Gr5	Rpt Cat 1 - The student will demonstrate an understanding of the properties of matter and energy and their interactions. SE: 5A - classify matter based on physical properties, including mass, magnetism, physical state (solid, liquid, and gas), relative density (sinking and floating), solubility in water, and the ability to conduct or insulate thermal energy or electric energy (R)	J 93%	1 2%	1 2%	1 2%	43 93%	0 0%
3	Sci-Gr5	Rpt Cat 4 - The student will demonstrate an understanding of the structures and functions of living organisms and their interdependence on each other and on their environment. SE: 9A - observe the way organisms live and survive in their ecosystem by interacting with the living and non-living elements (R)	A 98%	45 98%	0 0%	1 2%	0 0%	0 0%
4	Sci-Gr5	Rpt Cat 2 - The student will demonstrate an understanding of force, motion, and energy and their relationships. SE: 6C - demonstrate that light travels in a straight line until it strikes an object or travels through one medium to another and demonstrate that light can be reflected such as the use of mirrors or other shiny surfaces and refracted such as the appearance of an object when observed through water (R)	G 93%	2 4%	43 93%	1 2%	0 0%	0 0%
5	Sci-Gr5	Rpt Cat 3 - The student will demonstrate an understanding of components, cycles, patterns, and natural events of Earth and space systems. SE: 8C - demonstrate that Earth rotates on its axis once approximately every 24 hours causing the day/night cycle and the apparent movement of the Sun across the sky (R)	A 100%	46 100%	0 0%	0 0%	0 0%	0 0%
6	Sci-Gr5	Rpt Cat 2 - The student will demonstrate an understanding of force, motion, and energy and their relationships. SE: 6A - explore the uses of energy, including mechanical, light, thermal, electrical, and sound energy (R) DUAL: 2D - analyze and interpret information to construct reasonable explanations from direct (observable) and indirect (inferred) evidence (P)	J 96%	1 2%	1 2%	0 0%	44 96%	0 0%
7	Sci-Gr4	Rpt Cat 3 - The student will demonstrate an understanding of components, cycles, patterns, and natural events of Earth and space systems. SE: 8C - collect and analyze data to identify sequences and predict patterns of change in shadows, tides, seasons, and the observable appearance of the Moon over time (S) DUAL: 2D - analyze and interpret information to construct reasonable explanations from direct (observable) and indirect (inferred) evidence (P)	C 83%	1 2%	3 7%	38 83%	4 9%	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 CRAWFORD ISD

Subject: Science Curriculum: Grade 05 Language: E Administration: 4 2013 Test Version(s): STAAR,STAAR-L
 Demographic Group(s): All Students
 Student Count: 46 Source: Admin

#	Course	Reporting Standard/Student Expectation	Correct	A/F	B/G	C/H	D/J	Other
8	Sci-Gr5	Rpt Cat 4 - The student will demonstrate an understanding of the structures and functions of living organisms and their interdependence on each other and on their environment. SE: 9B - describe how the flow of energy derived from the Sun, used by producers to create their own food, is transferred through a food chain and food web to consumers and decomposers (R) DUAL: 3C - draw or develop a model that represents how something works or looks that cannot be seen such as how a soda dispensing machine works (P)	J 93%	1 2%	0 0%	2 4%	43 93%	0 0%
9	Sci-Gr5	Rpt Cat 3 - The student will demonstrate an understanding of components, cycles, patterns, and natural events of Earth and space systems. SE: 7D - identify fossils as evidence of past living organisms and the nature of the environments at the time using models (S) DUAL: 2D - analyze and interpret information to construct reasonable explanations from direct (observable) and indirect (inferred) evidence (P)	B 85%	1 2%	39 85%	4 9%	2 4%	0 0%
10	Sci-Gr5	Rpt Cat 1 - The student will demonstrate an understanding of the properties of matter and energy and their interactions. SE: 5A - classify matter based on physical properties, including mass, magnetism, physical state (solid, liquid, and gas), relative density (sinking and floating), solubility in water, and the ability to conduct or insulate thermal energy or electric energy (R) DUAL: 2A - describe, plan, and implement simple experimental investigations testing one variable (P)	F 98%	45 98%	0 0%	1 2%	0 0%	0 0%
11	Sci-Gr3	Rpt Cat 4 - The student will demonstrate an understanding of the structures and functions of living organisms and their interdependence on each other and on their environment. SE: 10C - investigate and compare how animals and plants undergo a series of orderly changes in their diverse life cycles such as tomato plants, frogs, and lady bugs (S)	C 91%	2 4%	2 4%	42 91%	0 0%	0 0%
12	Sci-Gr4	Rpt Cat 3 - The student will demonstrate an understanding of components, cycles, patterns, and natural events of Earth and space systems. SE: 7A - examine properties of soils, including color and texture, capacity to retain water, and ability to support the growth of plants (S) DUAL: 2D - analyze and interpret information to construct reasonable explanations from direct (observable) and indirect (inferred) evidence (P)	H 98%	1 2%	0 0%	45 98%	0 0%	0 0%
13	Sci-Gr5	Rpt Cat 4 - The student will demonstrate an understanding of the structures and functions of living organisms and their interdependence on each other and on their environment. SE: 10B - differentiate between inherited traits of plants and animals such as spines on a cactus or shape of a beak and learned behaviors such as an animal learning tricks or a child riding a bicycle (R) DUAL: 2D - analyze and interpret information to construct reasonable explanations from direct (observable) and indirect (inferred) evidence (P)	B 89%	5 11%	41 89%	0 0%	0 0%	0 0%
14	Sci-Gr5	Rpt Cat 1 - The student will demonstrate an understanding of the properties of matter and energy and their interactions. SE: 5B - identify the boiling and freezing/melting points of water on the Celsius scale (S)	A 93%	43 93%	3 7%	0 0%	0 0%	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 CRAWFORD ISD

Subject: Science Curriculum: Grade 05 Language: E Administration: 4 2013 Test Version(s): STAAR,STAAR-L
 Demographic Group(s): All Students
 Student Count: 46 Source: Admin

#	Course	Reporting Standard/Student Expectation	Correct	A/F	B/G	C/H	D/J	Other
15	Sci-Gr5	Rpt Cat 3 - The student will demonstrate an understanding of components, cycles, patterns, and natural events of Earth and space systems. SE: 8B - explain how the Sun and the ocean interact in the water cycle (S)	B 87%	4 9%	40 87%	0 0%	2 4%	0 0%
16	Sci-Gr5	Rpt Cat 2 - The student will demonstrate an understanding of force, motion, and energy and their relationships. SE: 6B - demonstrate that the flow of electricity in circuits requires a complete path through which an electric current can pass and can produce light, heat, and sound (R)	F 93%	43 93%	3 7%	0 0%	0 0%	0 0%
17	Sci-Gr5	Rpt Cat 3 - The student will demonstrate an understanding of components, cycles, patterns, and natural events of Earth and space systems. SE: 7A - explore the processes that led to the formation of sedimentary rocks and fossil fuels (R) DUAL: 2D - analyze and interpret information to construct reasonable explanations from direct (observable) and indirect (inferred) evidence (P)	C 72%	5 11%	8 17%	33 72%	0 0%	0 0%
18	Sci-Gr5	Rpt Cat 2 - The student will demonstrate an understanding of force, motion, and energy and their relationships. SE: 6A - explore the uses of energy, including mechanical, light, thermal, electrical, and sound energy (R) DUAL: 2D - analyze and interpret information to construct reasonable explanations from direct (observable) and indirect (inferred) evidence (P)	F 74%	34 74%	4 9%	1 2%	7 15%	0 0%
19	Sci-Gr5	Rpt Cat 4 - The student will demonstrate an understanding of the structures and functions of living organisms and their interdependence on each other and on their environment. SE: 10B - differentiate between inherited traits of plants and animals such as spines on a cactus or shape of a beak and learned behaviors such as an animal learning tricks or a child riding a bicycle (R) DUAL: 2B - ask well-defined questions, formulate testable hypotheses, and select and use appropriate equipment and technology (P)	C 65%	0 0%	2 4%	30 65%	14 30%	0 0%
20	Sci-Gr5	Rpt Cat 3 - The student will demonstrate an understanding of components, cycles, patterns, and natural events of Earth and space systems. SE: 7B - recognize how landforms such as deltas, canyons, and sand dunes are the result of changes to Earth's surface by wind, water, and ice (R)	F 87%	40 87%	0 0%	0 0%	6 13%	0 0%
21	Sci-Gr5	Rpt Cat 1 - The student will demonstrate an understanding of the properties of matter and energy and their interactions. SE: 5C - demonstrate that some mixtures maintain physical properties of their ingredients such as iron filings and sand (S)	B 87%	3 7%	40 87%	0 0%	3 7%	0 0%
22	Sci-Gr5	Rpt Cat 4 - The student will demonstrate an understanding of the structures and functions of living organisms and their interdependence on each other and on their environment. SE: 10A - compare the structures and functions of different species that help them live and survive such as hooves on prairie animals or webbed feet in aquatic animals (R)	H 54%	4 9%	4 9%	25 54%	13 28%	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 CRAWFORD ISD

Subject: Science Curriculum: Grade 05 Language: E Administration: 4 2013 Test Version(s): STAAR,STAAR-L
Demographic Group(s): All Students
Student Count: 46 Source: Admin

#	Course	Reporting Standard/Student Expectation	Correct	A/F	B/G	C/H	D/J	Other
23	Sci-Gr5	Rpt Cat 2 - The student will demonstrate an understanding of force, motion, and energy and their relationships. SE: 6C - demonstrate that light travels in a straight line until it strikes an object or travels through one medium to another and demonstrate that light can be reflected such as the use of mirrors or other shiny surfaces and refracted such as the appearance of an object when observed through water (R) DUAL: 4A - collect, record, and analyze information using tools, including calculators, microscopes, cameras, computers, hand lenses, metric rulers, Celsius thermometers, prisms, mirrors, pan balances, triple beam balances, spring scales, graduated cylinders, beakers, hot plates, meter sticks, magnets, collecting nets, and notebooks; timing devices, including clocks and stopwatches; and materials to support observations of habitats or organisms such as terrariums and aquariums (P)	A 72%	33 72%	0 0%	2 4%	11 24%	0 0%
24	Sci-Gr5	Rpt Cat 3 - The student will demonstrate an understanding of components, cycles, patterns, and natural events of Earth and space systems. SE: 7C - identify alternative energy resources such as wind, solar, hydroelectric, geothermal, and biofuels (R) DUAL: 2D - analyze and interpret information to construct reasonable explanations from direct (observable) and indirect (inferred) evidence (P)	J 67%	3 7%	2 4%	10 22%	31 67%	0 0%
25	Sci-Gr5	Rpt Cat 4 - The student will demonstrate an understanding of the structures and functions of living organisms and their interdependence on each other and on their environment. SE: 9A - observe the way organisms live and survive in their ecosystem by interacting with the living and non-living elements (R) DUAL: 2D - analyze and interpret information to construct reasonable explanations from direct (observable) and indirect (inferred) evidence (P)	A 70%	32 70%	0 0%	8 17%	6 13%	0 0%
26	Sci-Gr5	Rpt Cat 1 - The student will demonstrate an understanding of the properties of matter and energy and their interactions. SE: 5A - classify matter based on physical properties, including mass, magnetism, physical state (solid, liquid, and gas), relative density (sinking and floating), solubility in water, and the ability to conduct or insulate thermal energy or electric energy (R) DUAL: 2A - describe, plan, and implement simple experimental investigations testing one variable (P)	G 93%	0 0%	43 93%	1 2%	2 4%	0 0%
27	Sci-Gr5	Rpt Cat 4 - The student will demonstrate an understanding of the structures and functions of living organisms and their interdependence on each other and on their environment. SE: 9B - describe how the flow of energy derived from the Sun, used by producers to create their own food, is transferred through a food chain and food web to consumers and decomposers (R) DUAL: 2D - analyze and interpret information to construct reasonable explanations from direct (observable) and indirect (inferred) evidence (P)	D 89%	4 9%	0 0%	1 2%	41 89%	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 CRAWFORD ISD

Subject: Science Curriculum: Grade 05 Language: E Administration: 4 2013 Test Version(s): STAAR,STAAR-L
 Demographic Group(s): All Students
 Student Count: 46 Source: Admin

#	Course	Reporting Standard/Student Expectation	Correct	A/F	B/G	C/H	D/J	Other
28	Sci-Gr4	Rpt Cat 3 - The student will demonstrate an understanding of components, cycles, patterns, and natural events of Earth and space systems. SE: 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) DUAL: 3C - draw or develop a model that represents how something works or looks that cannot be seen such as how a soda dispensing machine works (P)	F 85%	39 85%	3 7%	2 4%	2 4%	0 0%
29	Sci-Gr5	Rpt Cat 4 - The student will demonstrate an understanding of the structures and functions of living organisms and their interdependence on each other and on their environment. SE: 9A - observe the way organisms live and survive in their ecosystem by interacting with the living and non-living elements (R)	B 85%	1 2%	39 85%	6 13%	0 0%	0 0%
30	Sci-Gr5	Rpt Cat 3 - The student will demonstrate an understanding of components, cycles, patterns, and natural events of Earth and space systems. SE: 7C - identify alternative energy resources such as wind, solar, hydroelectric, geothermal, and biofuels (R) DUAL: 1B - make informed choices in the conservation, disposal, and recycling of materials (P)	H 46%	4 9%	13 28%	21 46%	8 17%	0 0%
31	Sci-Gr5	Rpt Cat 2 - The student will demonstrate an understanding of force, motion, and energy and their relationships. SE: 6C - demonstrate that light travels in a straight line until it strikes an object or travels through one medium to another and demonstrate that light can be reflected such as the use of mirrors or other shiny surfaces and refracted such as the appearance of an object when observed through water (R) DUAL: 3C - draw or develop a model that represents how something works or looks that cannot be seen such as how a soda dispensing machine works (P)	D 76%	1 2%	2 4%	8 17%	35 76%	0 0%
32	Sci-Gr5	Rpt Cat 3 - The student will demonstrate an understanding of components, cycles, patterns, and natural events of Earth and space systems. SE: 8C - demonstrate that Earth rotates on its axis once approximately every 24 hours causing the day/night cycle and the apparent movement of the Sun across the sky (R)	H 85%	0 0%	0 0%	39 85%	7 15%	0 0%
33	Sci-Gr5	Rpt Cat 1 - The student will demonstrate an understanding of the properties of matter and energy and their interactions. SE: 5A - classify matter based on physical properties, including mass, magnetism, physical state (solid, liquid, and gas), relative density (sinking and floating), solubility in water, and the ability to conduct or insulate thermal energy or electric energy (R) DUAL: 2D - analyze and interpret information to construct reasonable explanations from direct (observable) and indirect (inferred) evidence (P)	A 54%	25 54%	10 22%	1 2%	10 22%	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 CRAWFORD ISD

Subject: Science Curriculum: Grade 05 Language: E Administration: 4 2013 Test Version(s): STAAR,STAAR-L
 Demographic Group(s): All Students
 Student Count: 46 Source: Admin

#	Course	Reporting Standard/Student Expectation	Correct	A/F	B/G	C/H	D/J	Other
34	Sci-Gr5	Rpt Cat 4 - The student will demonstrate an understanding of the structures and functions of living organisms and their interdependence on each other and on their environment. SE: 10C - describe the differences between complete and incomplete metamorphosis of insects (S) DUAL: 2D - analyze and interpret information to construct reasonable explanations from direct (observable) and indirect (inferred) evidence (P)	J 76%	1 2%	0 0%	10 22%	35 76%	0 0%
35	Sci-Gr5	Rpt Cat 2 - The student will demonstrate an understanding of force, motion, and energy and their relationships. SE: 6B - demonstrate that the flow of electricity in circuits requires a complete path through which an electric current can pass and can produce light, heat, and sound (R)	C 96%	0 0%	2 4%	44 96%	0 0%	0 0%
36	Sci-Gr5	Rpt Cat 4 - The student will demonstrate an understanding of the structures and functions of living organisms and their interdependence on each other and on their environment. SE: 9C - predict the effects of changes in ecosystems caused by living organisms, including humans, such as the overpopulation of grazers or the building of highways (S) DUAL: 2D - analyze and interpret information to construct reasonable explanations from direct (observable) and indirect (inferred) evidence (P)	F 91%	42 91%	1 2%	0 0%	3 7%	0 0%
37	Sci-Gr5	Rpt Cat 3 - The student will demonstrate an understanding of components, cycles, patterns, and natural events of Earth and space systems. SE: 8A - differentiate between weather and climate (S)	C 59%	1 2%	3 7%	27 59%	15 33%	0 0%
38	Sci-Gr3	Rpt Cat 1 - The student will demonstrate an understanding of the properties of matter and energy and their interactions. SE: 5C - predict, observe, and record changes in the state of matter caused by heating or cooling (S) DUAL: 2D - analyze and interpret information to construct reasonable explanations from direct (observable) and indirect (inferred) evidence (P)	G 76%	5 11%	35 76%	3 7%	3 7%	0 0%
39	Sci-Gr5	Rpt Cat 4 - The student will demonstrate an understanding of the structures and functions of living organisms and their interdependence on each other and on their environment. SE: 10B - differentiate between inherited traits of plants and animals such as spines on a cactus or shape of a beak and learned behaviors such as an animal learning tricks or a child riding a bicycle (R)	B 93%	0 0%	43 93%	1 2%	2 4%	0 0%
40	Sci-Gr5	Rpt Cat 1 - The student will demonstrate an understanding of the properties of matter and energy and their interactions. SE: 5D - identify changes that can occur in the physical properties of the ingredients of solutions such as dissolving salt in water or adding lemon juice to water (S) DUAL: 2D - analyze and interpret information to construct reasonable explanations from direct (observable) and indirect (inferred) evidence (P)	H 78%	2 4%	5 11%	36 78%	3 7%	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 CRAWFORD ISD

Subject: Science Curriculum: Grade 05 Language: E Administration: 4 2013 Test Version(s): STAAR,STAAR-L
Demographic Group(s): All Students
Student Count: 46 Source: Admin

#	Course	Reporting Standard/Student Expectation	Correct	A/F	B/G	C/H	D/J	Other
41	Sci-Gr5	Rpt Cat 2 - The student will demonstrate an understanding of force, motion, and energy and their relationships. SE: 6D - design an experiment that tests the effect of force on an object (S) DUAL: 2B - ask well-defined questions, formulate testable hypotheses, and select and use appropriate equipment and technology (P)	B 91%	3 7%	42 91%	0 0%	1 2%	0 0%
42	Sci-Gr5	Rpt Cat 4 - The student will demonstrate an understanding of the structures and functions of living organisms and their interdependence on each other and on their environment. SE: 9D - identify the significance of the carbon dioxide-oxygen cycle to the survival of plants and animals (S)	J 96%	2 4%	0 0%	0 0%	44 96%	0 0%
43	Sci-Gr5	Rpt Cat 2 - The student will demonstrate an understanding of force, motion, and energy and their relationships. SE: 6B - demonstrate that the flow of electricity in circuits requires a complete path through which an electric current can pass and can produce light, heat, and sound (R)	A 87%	40 87%	0 0%	2 4%	4 9%	0 0%
44	Sci-Gr5	Rpt Cat 4 - The student will demonstrate an understanding of the structures and functions of living organisms and their interdependence on each other and on their environment. SE: 10A - compare the structures and functions of different species that help them live and survive such as hooves on prairie animals or webbed feet in aquatic animals (R) DUAL: 2D - analyze and interpret information to construct reasonable explanations from direct (observable) and indirect (inferred) evidence (P)	G 96%	2 4%	44 96%	0 0%	0 0%	0 0%

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

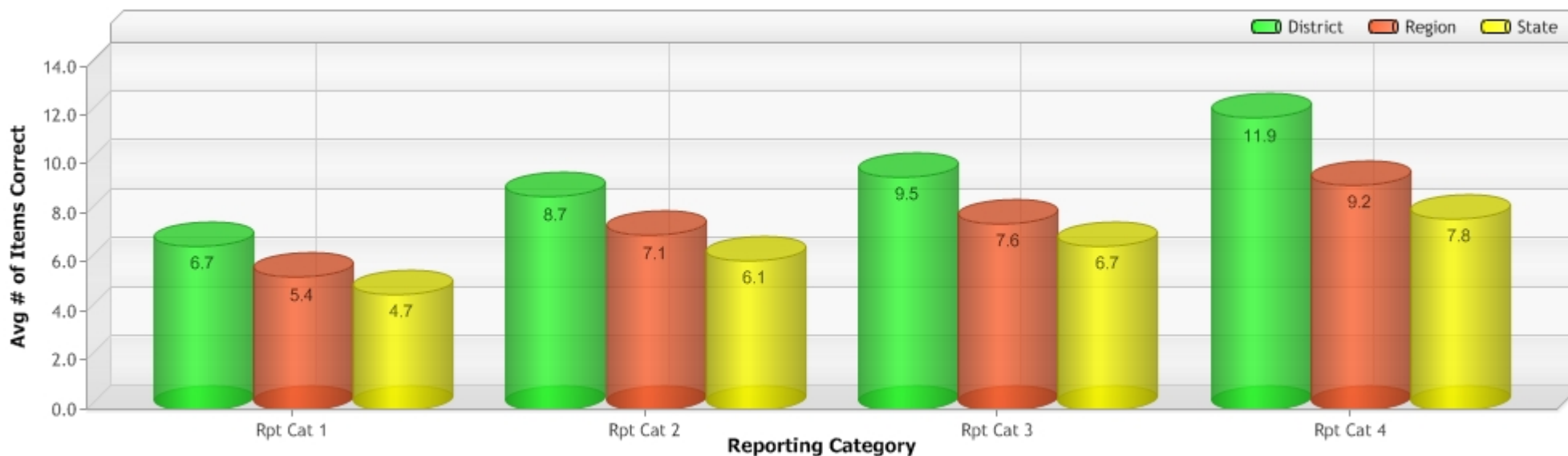
* Level of concern: Red - Challenging(<70%), Orange - Moderate(70-79%), Yellow - Low Risk(80-100%)

STAAR Reporting Category Comparison for CRAWFORD ISD

Subject: Science Curriculum: Grade 05 Language: E Administration: 4 2013 Test Version(s): STAAR,STAAR-L
 Demographic Group(s): All Students
 Student Count: 46 Source: Admin

Rpt Cat #	Description	Tested	District Average	Region Average	State Average
1	The student will demonstrate an understanding of the properties of matter and energy and their interactions.	8	6.7	5.4	4.7
2	The student will demonstrate an understanding of force, motion, and energy and their relationships.	10	8.7	7.1	6.1
3	The student will demonstrate an understanding of components, cycles, patterns, and natural events of Earth and space systems.	12	9.5	7.6	6.7
4	The student will demonstrate an understanding of the structures and functions of living organisms and their interdependence on each other and on their environment.	14	11.9	9.2	7.8

Regional data may not reflect all districts in region. It is dependent on files received and ESC partnerships.

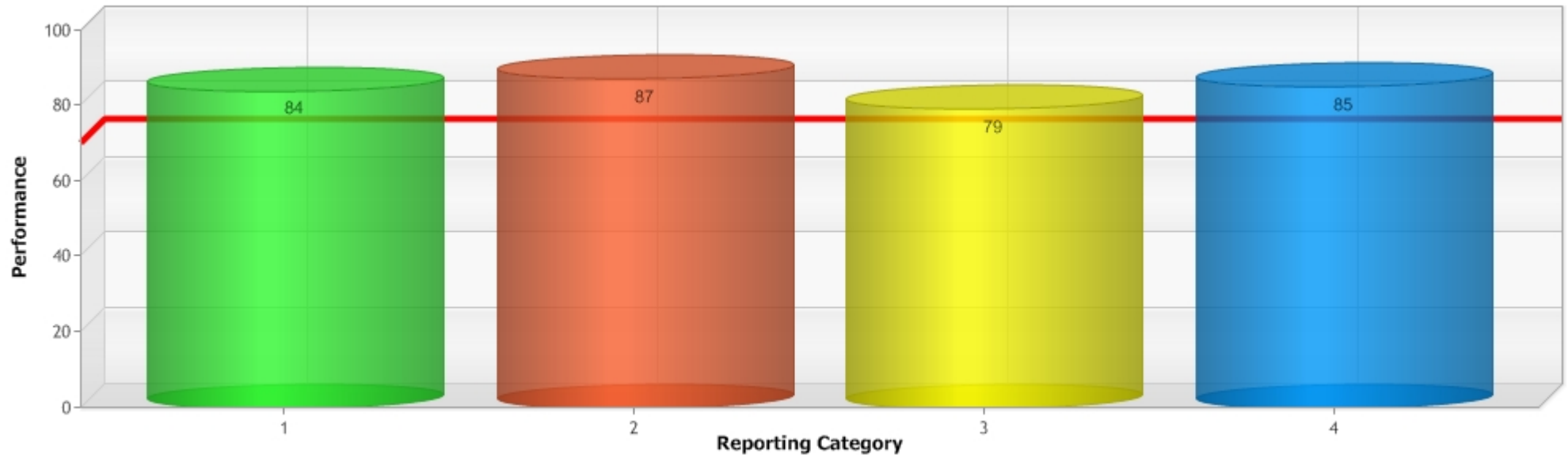


STAAR Reporting Category Performance for CRAWFORD ISD

Subject: Science Curriculum: Grade 05 Language: E Administration: 4 2013 Test Version(s): STAAR,STAAR-L
 Demographic Group(s): All Students
 Student Count: 46 Source: Admin

Reporting Category	Description	# of Test Points	% of Total Points	Mastery
1	The student will demonstrate an understanding of the properties of matter and energy and their interactions.	8	18%	84%
2	The student will demonstrate an understanding of force, motion, and energy and their relationships.	10	23%	87%
3	The student will demonstrate an understanding of components, cycles, patterns, and natural events of Earth and space systems.	12	27%	79%
4	The student will demonstrate an understanding of the structures and functions of living organisms and their interdependence on each other and on their environment.	14	32%	85%

* shaded row indicates mastery below 70%





STAAR Reporting Category SE Performance for CRAWFORD ISD

Subject: Science Curriculum: Grade 05 Language: E Administration: 4 2013 Test Version(s): STAAR,STAAR-L
Demographic Group(s): All Students
Student Count: 46 Source: Admin

Reporting Category	Description	Tested	Mastery	SE	Std	Course	Tested	Mastery
1	The student will demonstrate an understanding of the properties of matter and energy and their interactions.	8	84%	5A	R	Sci-Gr5	4	85%
				5C	S	Sci-Gr3	1	76%
				5B	S	Sci-Gr5	1	93%
				5C	S	Sci-Gr5	1	87%
				5D	S	Sci-Gr5	1	78%
2	The student will demonstrate an understanding of force, motion, and energy and their relationships.	10	87%	6A	R	Sci-Gr5	2	85%
				6B	R	Sci-Gr5	3	92%
				6C	R	Sci-Gr5	3	80%
				6B	S	Sci-Gr3	1	96%
				6D	S	Sci-Gr5	1	91%
3	The student will demonstrate an understanding of components, cycles, patterns, and natural events of Earth and space systems.	12	79%	7A	R	Sci-Gr5	1	72%
				7B	R	Sci-Gr5	1	87%
				7C	R	Sci-Gr5	2	57%
				8C	R	Sci-Gr5	2	92%
				7B	S	Sci-Gr3	N/T	N/T
				8D	S	Sci-Gr3	N/T	N/T
				7A	S	Sci-Gr4	1	98%
				7C	S	Sci-Gr4	N/T	N/T
				8A	S	Sci-Gr4	N/T	N/T
				8B	S	Sci-Gr4	1	85%
				8C	S	Sci-Gr4	1	83%
				7D	S	Sci-Gr5	1	85%
				8A	S	Sci-Gr5	1	59%
				8B	S	Sci-Gr5	1	87%
				8D	S	Sci-Gr5	N/T	N/T
4	The student will demonstrate an understanding of the structures and functions of living organisms and their interdependence on each other and on their environment.	14	85%	9A	R	Sci-Gr5	3	84%
				9B	R	Sci-Gr5	2	91%
				10A	R	Sci-Gr5	2	75%
				10B	R	Sci-Gr5	3	83%
				9A	S	Sci-Gr3	N/T	N/T
				10C	S	Sci-Gr3	1	91%
				9C	S	Sci-Gr5	1	91%
				9D	S	Sci-Gr5	1	96%
				10C	S	Sci-Gr5	1	76%

* 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 CRAWFORD ISD

Subject: Science Curriculum: Grade 05 Language: E Administration: 4 2013 Test Version(s): STAAR,STAAR-L
Demographic Group(s): All Students
Student Count: 46 Source: Admin

Reporting Category	Description	Tested	Mastery	SE	Std	Course	Tested	Mastery
	Process Skills			1A	P	Sci-Gr5		N/T
				1B	P	Sci-Gr5		46%
				2A	P	Sci-Gr5		96%
				2B	P	Sci-Gr5		78%
				2C	P	Sci-Gr5		N/T
				2D	P	Sci-Gr5		82%
				2E	P	Sci-Gr5		N/T
				2F	P	Sci-Gr5		N/T
				2G	P	Sci-Gr5		N/T
				3A	P	Sci-Gr5		N/T
				3B	P	Sci-Gr5		N/T
				3C	P	Sci-Gr5		85%
				3D	P	Sci-Gr5		N/T
				4A	P	Sci-Gr5		72%
				4B	P	Sci-Gr5		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%)



STAAR SE Comparison by Level of Concern for CRAWFORD ISD

Subject: Science Curriculum: Grade 05 Language: E Administration: 4 2013 Test Version(s): STAAR,STAAR-L
Demographic Group(s): All Students
Student Count: 46 Source: Admin

Number	Course	Description	District Mastery	Region Mastery
1B	Sci-Gr5	SE: make informed choices in the conservation, disposal, and recycling of materials (P)	46	49
7C	Sci-Gr5	SE: identify alternative energy resources such as wind, solar, hydroelectric, geothermal, and biofuels (R)	57	54
8A	Sci-Gr5	SE: differentiate between weather and climate (S)	59	49
4A	Sci-Gr5	SE: collect, record, and analyze information using tools, including calculators, microscopes, cameras, computers, hand lenses, metric rulers, Celsius thermometers, prisms, mirrors, pan balances, triple beam balances, spring scales, graduated cylinders, beakers, hot plates, meter sticks, magnets, collecting nets, and notebooks; timing devices, including clocks and stopwatches; and materials to support observations of habitats or organisms such as terrariums and aquariums (P)	72	56
7A	Sci-Gr5	SE: explore the processes that led to the formation of sedimentary rocks and fossil fuels (R)	72	46
10A	Sci-Gr5	SE: compare the structures and functions of different species that help them live and survive such as hooves on prairie animals or webbed feet in aquatic animals (R)	75	68
10C	Sci-Gr5	SE: describe the differences between complete and incomplete metamorphosis of insects (S)	76	58
5C	Sci-Gr3	SE: predict, observe, and record changes in the state of matter caused by heating or cooling (S)	76	56
2B	Sci-Gr5	SE: ask well-defined questions, formulate testable hypotheses, and select and use appropriate equipment and technology (P)	78	57
5D	Sci-Gr5	SE: identify changes that can occur in the physical properties of the ingredients of solutions such as dissolving salt in water or adding lemon juice to water (S)	78	64
6C	Sci-Gr5	SE: demonstrate that light travels in a straight line until it strikes an object or travels through one medium to another and demonstrate that light can be reflected such as the use of mirrors or other shiny surfaces and refracted such as the appearance of an object when observed through water (R)	80	64
2D	Sci-Gr5	SE: analyze and interpret information to construct reasonable explanations from direct (observable) and indirect (inferred) evidence (P)	82	66
10B	Sci-Gr5	SE: differentiate between inherited traits of plants and animals such as spines on a cactus or shape of a beak and learned behaviors such as an animal learning tricks or a child riding a bicycle (R)	83	67
8C	Sci-Gr4	SE: collect and analyze data to identify sequences and predict patterns of change in shadows, tides, seasons, and the observable appearance of the Moon over time (S)	83	72
9A	Sci-Gr5	SE: observe the way organisms live and survive in their ecosystem by interacting with the living and non-living elements (R)	84	61
3C	Sci-Gr5	SE: draw or develop a model that represents how something works or looks that cannot be seen such as how a soda dispensing machine works (P)	85	67
5A	Sci-Gr5	SE: classify matter based on physical properties, including mass, magnetism, physical state (solid, liquid, and gas), relative density (sinking and floating), solubility in water, and the ability to conduct or insulate thermal energy or electric energy (R)	85	68
6A	Sci-Gr5	SE: explore the uses of energy, including mechanical, light, thermal, electrical, and sound energy (R)	85	74
7D	Sci-Gr5	SE: identify fossils as evidence of past living organisms and the nature of the environments at the time using models (S)	85	81
8B	Sci-Gr4	SE: 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)	85	68
7B	Sci-Gr5	SE: recognize how landforms such as deltas, canyons, and sand dunes are the result of changes to Earth's surface by wind, water, and ice (R)	87	53

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

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

Regional data may not reflect all districts in region. It is dependent on files received and ESC partnerships.



STAAR SE Comparison by Level of Concern for CRAWFORD ISD

Subject: Science Curriculum: Grade 05 Language: E Administration: 4 2013 Test Version(s): STAAR,STAAR-L
Demographic Group(s): All Students
Student Count: 46 Source: Admin

Number	Course	Description	District Mastery	Region Mastery
5C	Sci-Gr5	SE: demonstrate that some mixtures maintain physical properties of their ingredients such as iron filings and sand (S)	87	75
8B	Sci-Gr5	SE: explain how the Sun and the ocean interact in the water cycle (S)	87	70
9B	Sci-Gr5	SE: describe how the flow of energy derived from the Sun, used by producers to create their own food, is transferred through a food chain and food web to consumers and decomposers (R)	91	70
10C	Sci-Gr3	SE: investigate and compare how animals and plants undergo a series of orderly changes in their diverse life cycles such as tomato plants, frogs, and lady bugs (S)	91	64
6D	Sci-Gr5	SE: design an experiment that tests the effect of force on an object (S)	91	66
9C	Sci-Gr5	SE: predict the effects of changes in ecosystems caused by living organisms, including humans, such as the overpopulation of grazers or the building of highways (S)	91	57
6B	Sci-Gr5	SE: demonstrate that the flow of electricity in circuits requires a complete path through which an electric current can pass and can produce light, heat, and sound (R)	92	72
8C	Sci-Gr5	SE: demonstrate that Earth rotates on its axis once approximately every 24 hours causing the day/night cycle and the apparent movement of the Sun across the sky (R)	92	67
5B	Sci-Gr5	SE: identify the boiling and freezing/melting points of water on the Celsius scale (S)	93	77
2A	Sci-Gr5	SE: describe, plan, and implement simple experimental investigations testing one variable (P)	96	72
6B	Sci-Gr3	SE: demonstrate and observe how position and motion can be changed by pushing and pulling objects to show work being done such as swings, balls, pulleys, and wagons (S)	96	87
9D	Sci-Gr5	SE: identify the significance of the carbon dioxide-oxygen cycle to the survival of plants and animals (S)	96	82
7A	Sci-Gr4	SE: examine properties of soils, including color and texture, capacity to retain water, and ability to support the growth of plants (S)	98	81

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

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

Regional data may not reflect all districts in region. It is dependent on files received and ESC partnerships.



STAAR SE Performance by Level of Concern for CRAWFORD ISD

Subject: Science Curriculum: Grade 05 Language: E Administration: 4 2013 Test Version(s): STAAR,STAAR-L

Demographic Group(s): All Students

Student Count: 46 Source: Admin

Number	Course	Description	Tested	Weight	Mastery
1B	Sci-Gr5	SE: make informed choices in the conservation, disposal, and recycling of materials (P)	1	2%	46%
7C	Sci-Gr5	SE: identify alternative energy resources such as wind, solar, hydroelectric, geothermal, and biofuels (R)	2	5%	57%
8A	Sci-Gr5	SE: differentiate between weather and climate (S)	1	2%	59%
4A	Sci-Gr5	SE: collect, record, and analyze information using tools, including calculators, microscopes, cameras, computers, hand lenses, metric rulers, Celsius thermometers, prisms, mirrors, pan balances, triple beam balances, spring scales, graduated cylinders, beakers, hot plates, meter sticks, magnets, collecting nets, and notebooks; timing devices, including clocks and stopwatches; and materials to support observations of habitats or organisms such as terrariums and aquariums (P)	1	2%	72%
7A	Sci-Gr5	SE: explore the processes that led to the formation of sedimentary rocks and fossil fuels (R)	1	2%	72%
10A	Sci-Gr5	SE: compare the structures and functions of different species that help them live and survive such as hooves on prairie animals or webbed feet in aquatic animals (R)	2	5%	75%
5C	Sci-Gr3	SE: predict, observe, and record changes in the state of matter caused by heating or cooling (S)	1	2%	76%
10C	Sci-Gr5	SE: describe the differences between complete and incomplete metamorphosis of insects (S)	1	2%	76%
2B	Sci-Gr5	SE: ask well-defined questions, formulate testable hypotheses, and select and use appropriate equipment and technology (P)	2	5%	78%
5D	Sci-Gr5	SE: identify changes that can occur in the physical properties of the ingredients of solutions such as dissolving salt in water or adding lemon juice to water (S)	1	2%	78%
6C	Sci-Gr5	SE: demonstrate that light travels in a straight line until it strikes an object or travels through one medium to another and demonstrate that light can be reflected such as the use of mirrors or other shiny surfaces and refracted such as the appearance of an object when observed through water (R)	3	7%	80%
2D	Sci-Gr5	SE: analyze and interpret information to construct reasonable explanations from direct (observable) and indirect (inferred) evidence (P)	17	39%	82%
8C	Sci-Gr4	SE: collect and analyze data to identify sequences and predict patterns of change in shadows, tides, seasons, and the observable appearance of the Moon over time (S)	1	2%	83%
10B	Sci-Gr5	SE: differentiate between inherited traits of plants and animals such as spines on a cactus or shape of a beak and learned behaviors such as an animal learning tricks or a child riding a bicycle (R)	3	7%	83%
9A	Sci-Gr5	SE: observe the way organisms live and survive in their ecosystem by interacting with the living and non-living elements (R)	3	7%	84%
8B	Sci-Gr4	SE: 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	2%	85%
3C	Sci-Gr5	SE: draw or develop a model that represents how something works or looks that cannot be seen such as how a soda dispensing machine works (P)	3	7%	85%
5A	Sci-Gr5	SE: classify matter based on physical properties, including mass, magnetism, physical state (solid, liquid, and gas), relative density (sinking and floating), solubility in water, and the ability to conduct or insulate thermal energy or electric energy (R)	4	9%	85%
6A	Sci-Gr5	SE: explore the uses of energy, including mechanical, light, thermal, electrical, and sound energy (R)	2	5%	85%
7D	Sci-Gr5	SE: identify fossils as evidence of past living organisms and the nature of the environments at the time using models (S)	1	2%	85%

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

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



STAAR SE Performance by Level of Concern for CRAWFORD ISD

Subject: Science Curriculum: Grade 05 Language: E Administration: 4 2013 Test Version(s): STAAR,STAAR-L

Demographic Group(s): All Students

Student Count: 46 Source: Admin

Number	Course	Description	Tested	Weight	Mastery
5C	Sci-Gr5	SE: demonstrate that some mixtures maintain physical properties of their ingredients such as iron filings and sand (S)	1	2%	87%
7B	Sci-Gr5	SE: recognize how landforms such as deltas, canyons, and sand dunes are the result of changes to Earth's surface by wind, water, and ice (R)	1	2%	87%
8B	Sci-Gr5	SE: explain how the Sun and the ocean interact in the water cycle (S)	1	2%	87%
10C	Sci-Gr3	SE: investigate and compare how animals and plants undergo a series of orderly changes in their diverse life cycles such as tomato plants, frogs, and lady bugs (S)	1	2%	91%
6D	Sci-Gr5	SE: design an experiment that tests the effect of force on an object (S)	1	2%	91%
9B	Sci-Gr5	SE: describe how the flow of energy derived from the Sun, used by producers to create their own food, is transferred through a food chain and food web to consumers and decomposers (R)	2	5%	91%
9C	Sci-Gr5	SE: predict the effects of changes in ecosystems caused by living organisms, including humans, such as the overpopulation of grazers or the building of highways (S)	1	2%	91%
6B	Sci-Gr5	SE: demonstrate that the flow of electricity in circuits requires a complete path through which an electric current can pass and can produce light, heat, and sound (R)	3	7%	92%
8C	Sci-Gr5	SE: demonstrate that Earth rotates on its axis once approximately every 24 hours causing the day/night cycle and the apparent movement of the Sun across the sky (R)	2	5%	92%
5B	Sci-Gr5	SE: identify the boiling and freezing/melting points of water on the Celsius scale (S)	1	2%	93%
6B	Sci-Gr3	SE: demonstrate and observe how position and motion can be changed by pushing and pulling objects to show work being done such as swings, balls, pulleys, and wagons (S)	1	2%	96%
2A	Sci-Gr5	SE: describe, plan, and implement simple experimental investigations testing one variable (P)	2	5%	96%
9D	Sci-Gr5	SE: identify the significance of the carbon dioxide-oxygen cycle to the survival of plants and animals (S)	1	2%	96%
7A	Sci-Gr4	SE: examine properties of soils, including color and texture, capacity to retain water, and ability to support the growth of plants (S)	1	2%	98%

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

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



STAAR TEKS Performance for CRAWFORD ISD

Subject: Science Curriculum: Grade 05 Language: E Administration: 4 2013 Test Version(s): STAAR,STAAR-L
Demographic Group(s): All Students
Student Count: 46 Source: Admin

Course	Number	Description	Tested	Weight	Mastery
Sci-Gr5	1	The student conducts classroom and outdoor investigations following home and school safety procedures and environmentally appropriate and ethical practices.	1	2%	46%
Sci-Gr5	2	The student uses scientific methods during laboratory and outdoor investigations.	21	48%	83%
Sci-Gr5	3	The student uses critical thinking and scientific problem solving to make informed decisions.	3	7%	85%
Sci-Gr5	4	The student knows how to use a variety of tools and methods to conduct science inquiry.	1	2%	72%
Sci-Gr5	5	The student knows that matter has measurable physical properties and those properties determine how matter is classified, changed, and used.	7	16%	85%
Sci-Gr3	5	The student knows that matter has measurable physical properties and those properties determine how matter is classified, changed, and used.	1	2%	76%
Sci-Gr3	6	The student knows that forces cause change and that energy exists in many forms.	1	2%	96%
Sci-Gr5	6	The student knows that energy occurs in many forms and can be observed in cycles, patterns, and systems.	9	20%	86%
Sci-Gr5	7	The student knows Earth's surface is constantly changing and consists of useful resources.	5	11%	71%
Sci-Gr4	7	The students know that Earth consists of useful resources and its surface is constantly changing.	1	2%	98%
Sci-Gr4	8	The student knows that there are recognizable patterns in the natural world and among the Sun, Earth, and Moon system.	2	5%	84%
Sci-Gr5	8	The student knows that there are recognizable patterns in the natural world and among the Sun, Earth, and Moon system.	4	9%	83%
Sci-Gr5	9	The student knows that there are relationships, systems, and cycles within environments	7	16%	89%
Sci-Gr5	10	The student knows that organisms undergo similar life processes and have structures that help them survive within their environments.	6	14%	79%
Sci-Gr3	10	The student knows that organisms undergo similar life processes and have structures that help them survive within their environments.	1	2%	91%

* shaded row indicates mastery below 70%



STAAR TEKS Performance for CRAWFORD ISD

Subject: Science Curriculum: Grade 05 Language: E Administration: 4 2013 Test Version(s): STAAR,STAAR-L

Demographic Group(s): All Students

Student Count: 46 Source: Admin

