

ACCOUNTABILITY & ASSESSMENT UPDATE



TAAG Updates

**What We Know Now...STAAR Constructed
Response Scoring (ASE vs Craig's List)**

The Dallas Morning News

Computers scoring Texas students' STAAR essay answers, state officials say

Amid debates about AI and technology in schools, the Texas Education Agency quietly rolled out a new "automated scoring engine."

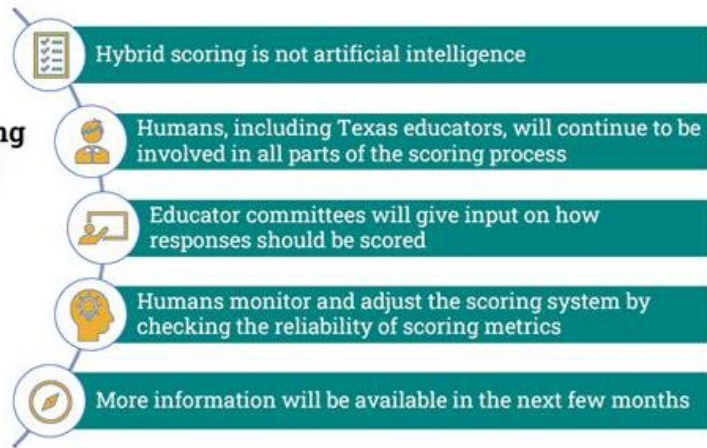


Texas students' written responses on the STAAR test will most likely be scored by a computer, rather than a person. (Ben Sklar / The New York Times)

<https://www.dallasnews.com/news/education/2024/02/14/computers-are-grading-texas-students-staar-essay-answers/>

TEA began implementing a hybrid-scoring model in December 2023.

TEA began implementing a hybrid-scoring model that incorporates automated scoring alongside our human expert scorers in December 2023.



Source: TEA Assessment Presentation TCTELAR Conference, slide 56. 1-26-2024

Overview of Scoring

Student responses to short constructed-response (SCR) questions and extended constructed-response (ECR) questions are scored using a hybrid scoring model. This means that the responses are initially scored by an automated scoring engine (ASE) and at least 25 percent of student responses are then routed to human scorers. The scores generated by human scorers are used throughout the scoring window to monitor scores that are being generated by the ASE. This process is similar to a second reader in human scoring models.



Training the ASE

The ASE is trained on student responses and human scores from the field-test data. It is trained to emulate how humans would score student responses for each constructed-response question. TEA evaluates the performance of the ASE for each question using a subset of student responses and corresponding scores that the ASE has not processed. Performance is examined relative to how humans would score the responses to each question; TEA requires the ASE to agree with

Scoring Process for STAAR Constructed Responses

human scorers at the same rate human scorers agree with one another and that the distribution of ASE scores is similar to the distribution of human scores.

December 2022 English II EOC

STAAR test / 4-point rubric / Human scorers
106K students

8% received 0s on ECR:

- 7% first-time testers
- 9% re-testers

Spring 2023 English II EOC

STAAR 2.0 test / 5-point rubric / Human scorers
469K students

25% received 0s on ECR:

- 19% first-time testers
- 62% re-testers

December 2023 English II EOC

STAAR 2.0 test / 5-point rubric / AI scoring
92K students

79% received 0s on ECR:

- 53% first-time testers
- 84% re-testers

What We Know Now...

From TEA Assessment:

- ECRs have never been released for December and June because the items can be used in other administrations.
- Districts can request December's “**condition codes**” for each student. Cambium provides condition codes that indicate whether the student left the ECR blank or did not provide enough information for scoring.
- TEA's Technical Digest will be published in May.

2023 STAAR 2.0 English II EOC
Online test has 52 questions
worth a total of 64 points.

[TEA 2023 STAAR Released Test Questions posted 8-16-2023](https://tea.texas.gov/student-assessment/testing/staar/staar-released-test-questions)

<https://tea.texas.gov/student-assessment/testing/staar/staar-released-test-questions>

State of Texas Assessments of Academic Readiness



Raw Score Conversion Table
 English II
 Spring 2023

Raw Score	Scale Score	Performance Level	Percentile
0	1650	Did Not Meet	0
1	1994		0
2	2315		0
3	2509		0
4	2650		0
5	2762		0
6	2856		0
7	2938		0
8	3010		0
9	3076		1
10	3136		1
11	3191		2
12	3242		3
13	3291		4
14	3336		6
15	3380		7
16	3421		9
17	3460		11
18	3497		12
19	3533		14
20	3568	Approaches In 2012-2016* Approaches in 2016-2022** Approaches®	15
21	3601		17
22	3632		19
23	3663		20
24	3692		22
25	3721		24
26	3748		25
27	3775		27
28	3801		29
29	3827		31
30	3852		33
31	3876		34
32	3901		37
33	3925		39
34	3950		41
35	3975		43
36	4000		45
37	4026	Meets	47
38	4052		50
39	4078		52
40	4106		54
41	4134		57
42	4163		59
43	4193		62
44	4224		64
45	4255		67
46	4288		70
47	4323		72
48	4358		75
49	4396		77
50	4435		80
51	4476		82
52	4520		84
53	4567		87
54	4618		89
55	4673		91
56	4734	Masters	93
57	4802		95
58	4879		96
59	4969		98
60	5075		99
61	5213		99
62	5402		100
63	5719		100
64	6050		100

LOW

DNM

H

DNM

Meets

HIGH

2023 STAAR 2.0 English II EOC
Online test has 52 questions
worth a total of 64 points.

Q16 – multipart = 2 pts.

Q20 – multiselect = 2 pts.

Q26 – multipart = 2 pts.

Q30 – ECR = 10 pts.

English II ECR counts for 16% EOC score
(10 points ÷ 64 points = 16%)

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<https://tea.texas.gov/student-assessment/testing/staar/staar-released-test-questions>

Spring 2023 E2 Test – RLA Answer Key

Item Number	Item Type	TEKS	Maximum Number of Points	Correct Answer(s)	Reporting Category	Readiness and Supporting
1	Multiple Choice	4.F	1	A	1	Readiness
2	Multiple Choice	8.F	1	A	1	Readiness
3	Multiple Choice	7.Eiii	1	C	1	Supporting
4	Multiple Choice	5.C	1	B	1	Readiness
5	Multiple Choice	2.B	1	B	1	Readiness
6	Multiple Choice	7.Eii	1	D	1	Readiness
7	Multiple Choice	8.A	1	A	1	Readiness
8	Multiple Choice	7.Ei	1	A	1	Readiness
9	Multiple Choice	8.G	1	C	1	Supporting
10	Multiple Choice	5.D	1	D	1	Readiness
11	Multiple Choice	2.A	1	B	1	Supporting
12	Multiple Choice	7.Dii	1	A	1	Supporting
13	Multiple Choice	8.C	1	C	1	Supporting
14	Multiple Choice	4.G	1	D	1	Readiness
15	Multiple Choice	8.B	1	B	1	Supporting
16	Multipart	4.F	2	B, B	1	Readiness
17	Multiple Choice	7.B	1	A	1	Supporting
18	Multiple Choice	8.F	1	A	1	Readiness
19	Multiple Choice	4.H	1	B	1	Readiness
20	Multiselect	4.H	2	A, C	1	Readiness
21	Multiple Choice	4.H	1	A	1	Readiness
22	Multiple Choice	4.H	1	D	1	Readiness
23	Multiple Choice	5.C	1	D	1	Readiness
24	Multiple Choice	8.A	1	A	1	Readiness
25	Multiple Choice	4.F	1	B	1	Readiness
26	Multipart	6.A	2	C, D	1	Supporting
27	Multiple Choice	5.D	1	A	1	Readiness
28	Multiple Choice	8.D	1	D	1	Readiness
29	Multiple Choice	6.B	1	B	1	Readiness
30	Extended Constructed Response	10.B	10	See Scoring Guide	2	Readiness
31	Multiple Choice	9.C	1	A	2	Readiness
32	Multiple Choice	9.C	1	D	2	Readiness
33	Short Constructed	9.C	1	See Scoring Guide	2	Readiness
34	Multiple Choice	9.C	1	B	2	Readiness
35	Multiple Choice	9.C	1	D	2	Readiness
36	Multiple Choice	9.Bi	1	C	2	Readiness
37	Multiple Choice	9.Bi	1	A	2	Readiness
38	Multiple Choice	9.Bii	1	B	2	Readiness
39	Multiple Choice	9.Bi	1	D	2	Readiness
40	Multiple Choice	9.Bi	1	B	2	Readiness
41	Multiple Choice	9.C	1	A	2	Readiness
42	Multiple Choice	9.Dvi	1	D	2	Supporting
43	Multiple Choice	9.Dii	1	C	2	Supporting
44	Multiple Choice	9.Di	1	A	2	Readiness
45	Multiple Choice	9.Dv	1	D	2	Supporting
46	Multiple Choice	9.Dv	1	C	2	Supporting
47	Multiple Choice	9.Diii	1	A	2	Supporting
48	Multiple Choice	9.Di	1	A	2	Readiness
49	Multiple Choice	9.Dv	1	B	2	Supporting
50	Multiple Choice	9.Di	1	B	2	Readiness
51	Multiple Choice	9.Diii	1	A	2	Supporting
52	Multiple Choice	9.Div	1	D	2	Supporting

2023 STAAR 2.0 3rd Grade RLA
Online test has 41 questions
worth a total of 52 points.

[TEA 2023 STAAR Released Test Questions posted 8-16-2023](https://tea.texas.gov/student-assessment/testing/staar/staar-released-test-questions)
<https://tea.texas.gov/student-assessment/testing/staar/staar-released-test-questions>

State of Texas Assessments of Academic Readiness



Raw Score Conversion Table
 Grade 3 Reading Language Arts
 Spring 2023

Raw Score	Scale Score	Performance Level	Percentile
0	720	Did Not Meet	0
1	829		0
2	935		0
3	1000		0
4	1047		0
5	1085		0
6	1117		1
7	1145		1
8	1170		2
9	1193		4
10	1213		6
11	1233		8
12	1251		10
13	1269	Approaches	13
14	1285		15
15	1301		18
16	1316		21
17	1331		23
18	1345		25
19	1359		28
20	1372		30
21	1385		33
22	1397		36
23	1409		38
24	1421		41
25	1433		44
26	1444		47
27	1456		49
28	1467	Meets	52
29	1478		55
30	1490		58
31	1502		61
32	1514		65
33	1526		68
34	1539		71
35	1553		74
36	1567		77
37	1581		80
38	1596		83
39	1612		85
40	1628		88
41	1644	Masters	90
42	1662		92
43	1680		94
44	1700		96
45	1722		97
46	1748		98
47	1777		99
48	1813		99
49	1859		100
50	1921		100
51	2022		100
52	2120		100

Spring 2023 Grade 3 Test – RLA Answer Key

2023 STAAR 2.0 3rd Grade RLA
Online test has 41 questions
worth a total of 52 points.

Q11 – multipart = 2 pts.

Q24 – multiselect = 2 pts.

Q25 – ECR = 10 pts.

3rd gr ECR counts for 19% RLA score
(10 points ÷ 52 points = 19%)

[TEA 2023 STAAR Released Test Questions posted 8-16-2023](#)

<https://tea.texas.gov/student-assessment/testing/staar/staar-released-test-questions>

Item Number	Item Type	TEKS	Maximum Number of Points	Correct Answer(s)	Reporting Category	Readiness and Supporting
1	Multiple Choice	7.D	1	B	1	Supporting
2	Multiple Choice	6.G	1	A	1	Readiness
3	Multiple Choice	8.A	1	D	1	Supporting
4	Multiple Choice	6.F	1	C	1	Readiness
5	Multiple Choice	7.C	1	B	1	Readiness
6	Multiple Choice	10.D	1	C	1	Supporting
7	Multiple Choice	6.C	1	D	1	Supporting
8	Multiple Choice	8.B	1	A	1	Readiness
9	Multiple Choice	8.C	1	A	1	Readiness
10	Multiple Choice	3.D	1	B	1	Supporting
11	Multipart	8.B	2	B, A	1	Readiness
12	Multiple Choice	9.B	1	C	1	Supporting
13	Multiple Choice	8.A	1	B	1	Supporting
14	Multiple Choice	7.C	1	A	1	Readiness
15	Multiple Choice	10.E	1	C	1	Supporting
16	Multiple Choice	6.F	1	A	1	Readiness
17	Multiple Choice	3.B	1	C	1	Readiness
18	Multiple Choice	9.Eii	1	A	1	Readiness
19	Multiple Choice	10.C	1	A	1	Supporting
20	Multiple Choice	9.Ei	1	B	1	Readiness
21	Multiple Choice	6.G	1	A	1	Readiness
22	Multiple Choice	6.E	1	D	1	Readiness
23	Multiple Choice	6.E	1	C	1	Readiness
24	Multiselect	6.E	2	A, D	1	Readiness
25	Extended Constructed Response	12.C	10	See Scoring Guide	2	Readiness
26	Short Constructed Response	11.C	1	See Scoring Guide	2	Readiness
27	Multiple Choice	11.Bi	1	D	2	Readiness
28	Multiple Choice	11.C	1	A	2	Readiness
29	Multiple Choice	11.C	1	A	2	Readiness
30	Multiple Choice	11.Bii	1	D	2	Readiness
31	Multiple Choice	11.C	1	B	2	Readiness
32	Multiple Choice	11.C	1	C	2	Readiness
33	Multiple Choice	11.C	1	A	2	Readiness
34	Multiple Choice	11.Dii	1	D	2	Readiness
35	Multiple Choice	11.Dvi	1	D	2	Supporting
36	Multiple Choice	11.Dix	1	A	2	Supporting
37	Multiple Choice	11.Div	1	B	2	Supporting
38	Multiple Choice	11.Diii	1	C	2	Supporting
39	Multiple Choice	2.Bv	1	A	2	Supporting
40	Multiple Choice	11.Dvi	1	D	2	Supporting
41	Multiple Choice	11.Dx	1	D	2	Supporting



Scoring Process for STAAR Constructed Responses

Constructed-Response Questions

The State of Texas Assessments of Academic Readiness (STAAR®) is a standardized academic achievement test designed to measure the extent to which a student has learned and is able to apply the defined knowledge and skills of the Texas Essential Knowledge and Skills (TEKS) for each tested grade, subject, and course. STAAR includes open-ended questions that reflect classroom test questions and allow students more ways to show their understanding of the TEKS. Two specific types of open-ended questions, known as extended constructed-response (ECR) questions and short constructed-response (SCR) questions, require students to draft written responses. ECR questions are included on all STAAR reading language arts (RLA) assessments—grades 3–8, English I, and English II. SCR questions are included on:

- grades 3–8 RLA,
- grades 5 and 8 science,
- grade 8 social studies,
- English I,
- English II,
- Biology, and
- U.S. History.

Student responses to SCR and ECR questions are evaluated using a holistic scoring process. The responses are evaluated as a whole based on pre-established criteria identified and detailed in the scoring rubrics. The scoring rubrics are used to determine the effectiveness of each written response. This document outlines the scoring process the Texas Education Agency (TEA) uses for STAAR SCRs and ECRs.



What questions (or
answers) do you have?
