

MEMORANDUM

To: Members of the Board of Trustees
From: Lisa D. Renegar, Planning & Instruction Department
Subject: Analysis of STAAR and EOC Scores for Spring 2022
Date: July 20, 2022

HISTORY:

STAAR testing is conducted on an annual basis in grades 3-12. Below are the grade levels and subjects tested. Spanish testing is also available in grades 3-5.

- Mathematics in grades 3-8
- Reading in grades 3-8
- Science in grades 5 and 8
- Social Studies in grade 8
- English I and II
- U.S. History
- Algebra I
- Biology

STAAR testing was conducted under normal, pre-pandemic circumstances in Spring of 2019. As is usually done, score reports were analyzed and intervention planning occurred based on the scores.

Based on the pandemic being declared in Spring of 2020, the Texas Education Agency cancelled STAAR testing for the 2019-2020 school year.

For the 2020-2021 school year, STAAR testing was conducted but did <u>not</u> have an impact on our A-F accountability. Additionally, grade promotion considerations for grades 5 and 8 under SSI were waived for 2020-2021. Students who were learning at home had to come to campus to take the STAAR tests, which reduced the level of participation that year.

The purpose of STAAR testing for 2020-2021 was to ascertain the level of content mastery and learning loss for the year. Based on the findings, we altered our scope and sequence, weekly curriculum, and created numerous interventions which occurred in 2021-2022 in order to plug the learning gaps for our students.



RATIONALE:

In 2021-2022, STAAR/EOC testing occurred as normal with all students back at the campuses. The work is just beginning to analyze the findings, determine areas to address, and plan the learning for the 2022-2023 school year.

The tables that follow show the 3 performance levels for STAAR/EOC testing:

<u>Approaches</u> = Passing but considered below grade level. Significant interventions may be needed for success at the next grade level.

 \underline{Meets} = Considered on grade level, minimal interventions may be needed for success at the next grade level.

<u>Masters</u> = Considered high performance, no interventions are needed for success the subsequent year.

In the tables, the Approaches level is on the left in yellow. There are four years compared at that level: 2019, 2020, 2021, and 2022.

There are 4 icons at the top of each of the levels of performance. Here is what these icons indicate:

- For 2019, the green check mark on the top indicates a "normal," pre-pandemic testing year.
- For 2020, the red X indicates that testing was cancelled due to the pandemic and disaster declaration.
- For 2021, the house icon indicates that students were learning at home that year, and STAAR testing had minimal participation.
- For 2022, the Back to School icon reminds us that students are back to normal learning at school, and STAAR testing had full participation much like in 2019.

The percentages within each performance level show the average of all students at that grade level/campus. As the table flows to the right, we see the changes in testing performance from year to year. This is what the varying colors of percentages indicate:

- Under the 2022 column, if you see a percentage in red, that indicates that our percentage score was lower in 2022 than in 2019.
- If a percentage score is in blue and is bracketed, that shows that we performed at the same level as in 2019.
- If there is a teal star icon, that shows that the percentage in 2022 was higher than in 2019.

Each table also shows the same 4-year comparison for the Meets level in blue, and the Masters level in orange.



3rd Grade Math	\checkmark	×		Backton Satool	 Image: A start of the start of	×		Backton State	\checkmark	×		Back to Stace
	Approaches	Approaches	Approaches	Approaches	Meets	Meets	Meets	Meets	Masters	Masters	Masters	Masters
	2019	2020	2021	2022	2019	2020	2021	2022	2019	2020	2021	2022
Alarcon	89%	Testing Cancelled	31%	57%	51%	Testing Cancelled	5%	17%	16%	Testing Cancelled	0%	5%
Borrego	85%	Testing Cancelled	42%	58%	56%	Testing Cancelled	11%	28%	24%	Testing Cancelled	4%	8%
District Average	84%	Testing Cancelled	38%	58%	49%	Testing Cancelled	8%	23%	17%	Testing Cancelled	2%	7%

3rd Grade Reading	~	×		Backto Stool	~	X		Backto	\checkmark	×		Backto School
	Approaches	Approaches	Approaches	Approaches	Meets	Meets	Meets	Meets	Masters	Masters	Masters	Masters
	2019	2020	2021	2022	2019	2020	2021	2022	2019	2020	2021	2022
Alarcon	75%	Testing Cancelled	55%	59%	33%	Testing Cancelled	23%	21%	13%	Testing Cancelled	9%	<13%>
Borrego	81%	Testing Cancelled	61%	56%	46%	Testing Cancelled	26%	30%	24%	Testing Cancelled	9%	14%
District Average	77%	Testing Cancelled	59%	57%	39 %	Testing Cancelled	25%	26%	19%	Testing Cancelled	9%	14%

Third grade math and reading begin to show us the trend that will carry on as a theme throughout these score reports. In 2019, SEISD was poised to earn the "A" rating based on big gains made in STAAR scores from the prior year. Testing was cancelled in 2020, and students learned at home for 1.5 years while struggling through the global pandemic and all the challenges that brought.

In 2021, SEISD had a low turnout, especially in grades 6-12. Many families opted not to bring students to campus to test, out of COVID-19 concerns. Of the scores we were able to receive, there were significant decreases from 2019 to 2021, as expected. This was a trend seen statewide, especially in mathematics, where tactile learning using manipulatives is crucial.

After the drops in 2021, SEISD made enormous gains in 2022, making up much of the ground we lost in 2021. With 3rd graders, 2022 was their first experience with STAAR testing. These children have not had much experience with being at a campus for school. Most of their education thus far has been home-based learning. In 3rd grade, the rebound will be slower as they have lost much time with face-to-face learning during very crucial early learning years.



4th Grade Math	Approaches	Approaches	Approaches	Pakes State	Meets	X	Meets	Ballon Stice Meets	Masters	X Masters	Masters	Back States
	2019	2020	2021	2022	2019	2020	2021	2022	2019	2020	2021	2022
Alarcon	73%	Testing Cancelled	27%	66%	31%	Testing Cancelled	8%	28%	16%	Testing Cancelled	3%	13%
B	86%	Testine Conselled	31%	C 49/	48%	Testing	10%	30%	25%	Testine Conselled	4%	0%
Borrego	8670	Testing Cancelled	51%	64%	48%	Cancelled	10%	50%	25%	Testing Cancelled	470	8%
District						Testing						
Average	74%	Testing Cancelled	30%	65 %	38%	Cancelled	10 %	29 %	19%	Testing Cancelled	4%	10 %

4th Grade Reading	\checkmark	×		Backton School	\checkmark	X		Carlos Ca	\checkmark	X		Backto School
	Approaches	Approaches	Approaches	Approaches	Meets	Meets	Meets	Meets	Masters	Masters	Masters	Masters
	2019	2020	2021	2022	2019	2020	2021	2022	2019	2020	2021	2022
Alarcon	69%	Testing Cancelled	51%	67 %	24%	Testing Cancelled	15%	43%	10%	Testing Cancelled	7%	23%
Borrego	80%	Testing Cancelled	48%	63%	39%	Testing Cancelled	19%	37%	20%	Testing Cancelled	6%	15%
District Average	70%	Testing Cancelled	49%	65%	31%	Testing Cancelled	18%	40%	14%	Testing Cancelled	6%	19%

Fourth grade math and reading show the same trend. There were losses in 2021, followed by significant gains in 2022, making up even more of the ground we lost than with 3rd grade. Fourth grade reading showed some pockets of hope. At the Meets and Masters levels, we had students score HIGHER at these 2 levels than they did in 2019 at Alarcon, by a wide margin.



5th Grade Math	×	×		Backton Stace	\checkmark	X		Bask	\checkmark	X		Backto Satool
	Approaches	Approaches	Approaches	Approaches	Meets	Meets	Meets	Meets	Masters	Masters	Masters	Masters
	2019	2020	2021	2022	2019	2020	2021	2022	2019	2020	2021	2022
Alarcon	96%	Testing Cancelled	44%	80%	43%	Testing Cancelled	5%	41%	23%	Testing Cancelled	2%	14%
Borrego	99%	Testing Cancelled	45%	76%	63%	Testing Cancelled	18%	36%	42%	Testing Cancelled	7%	11%
District Average	96%	Testing Cancelled	44%	77%	51%	Testing Cancelled	12%	37%	28%	Testing Cancelled	5%	12 %

5th Grade Reading	~	×		Backto Stool	√	X		Bash	\checkmark	×		Backto Stica
	Approaches	Approaches	Approaches	Approaches	Meets	Meets	Meets	Meets	Masters	Masters	Masters	Masters
	2019	2020	2021	2022	2019	2020	2021	2022	2019	2020	2021	2022
Alarcon	76%	Testing Cancelled	51%	81%	34%	Testing Cancelled	11%	50%	15%	Testing Cancelled	4%	22%
Borrego	92%	Testing Cancelled	62%	71%	58%	Testing Cancelled	29%	38%	19%	Testing Cancelled	12%	17%
District Average	82%	Testing Cancelled	57%	75%	43%	Testing Cancelled	21%	<43%>	16%	Testing Cancelled	8%	19%

Fifth grade math and reading show the same overall trends, with more pockets of hope at 5th grade reading from the Alarcon Eagles. Alarcon 5th graders scored higher in reading at all 3 performance levels than they did in 2019.

In 5th grade math, we also see that the increases in math in 2022 are very large, attributed to learning via math manipulatives.

Fifth grade science is on the following page. The same trends are seen, with the exception of Alarcon at Approaches and Meets. The bracketed blue percentages indicated that the 2022 scores are at the same level as in 2019. The rebound in science is a bit slower than in math, but we are well on our way back to 2019 levels.



5th Grade Science	\checkmark	×		Backto School	✓	×		Baka	\checkmark	×		Backto Salool
	Approaches	Approaches	Approaches	Approaches	Meets	Meets	Meets	Meets	Masters	Masters	Masters	Masters
	2019	2020	2021	2022	2019	2020	2021	2022	2019	2020	2021	2022
Alarcon	60%	Testing Cancelled	34%	<60%>	29 %	Testing Cancelled	6%	<29%>	12%	Testing Cancelled	0%	8%
Borrego	88%	Testing Cancelled	38%	59%	62%	Testing Cancelled	10%	25%	32%	Testing Cancelled	4%	8%
District Average	73%	Testing Cancelled	36%	59%	46%	Testing Cancelled	8%	27%	18%	Testing Cancelled	2%	8%

Sixth grade math, as shown below, shows the same overall trends across the board. There are high 2019 scores, the 2020 cancellation, a big drop in 2021, and a huge rebound in 2022.

6th Grade Math	~	×		Backto Stheol	√	×		Back	\checkmark	×		Backto School
	Approaches	Approaches	Approaches	Approaches	Meets	Meets	Meets	Meets	Masters	Masters	Masters	Masters
	2019	2020	2021	2022	2019	2020	2021	2022	2019	2020	2021	2022
Alarcon	91%	Testing Cancelled	54%	68 %	36%	Testing Cancelled	12%	20%	9%	Testing Cancelled	3%	1%
Borrego	93%	Testing Cancelled	49%	65%	48%	Testing Cancelled	19%	27%	21%	Testing Cancelled	1%	11%
District Average	87%	Testing Cancelled	52%	66%	43%	Testing Cancelled	16%	24%	17%	Testing Cancelled	2%	7%

Sixth grade reading, as we have at other grade levels for reading, brings more pockets of hope. Borrego excels this time, bringing higher scores at the Meets and Masters levels than in 2019.

6th Grade Reading	~	×		Backto Stacol	~	×		Caston Saton	\checkmark	×		Backyo School
	Approaches	Approaches	Approaches	Approaches	Meets	Meets	Meets	Meets	Masters	Masters	Masters	Masters
	2019	2020	2021	2022	2019	2020	2021	2022	2019	2020	2021	2022
						Testine						
Alarcon	67 %	Testing Cancelled	45%	54%	32%	Testing Cancelled	20%	31%	13%	Testing Cancelled	4%	9%
						Testine		$\overline{\mathbf{A}}$				\checkmark
Borrego	70 %	Testing Cancelled	42 %	60%	32%	Testing Cancelled	15%	41%	12%	Testing Cancelled	8%	16%
District						Testing		$\overline{\mathbf{A}}$				
Average	66%	Testing Cancelled	44%	58%	31%	Cancelled	18%	37%	13%	Testing Cancelled	6%	<13%>



7th Grade	\checkmark	×		Back as a state	✓	×		Bak	\checkmark	×		Backto School
	Approaches	Approaches	Approaches	Approaches	Meets	Meets	Meets	Meets	Masters	Masters	Masters	Masters
	2019	2020	2021	2022	2019	2020	2021	2022	2019	2020	2021	2022
						Testing						
Math	66%	Testing Cancelled	38%	48%	30%	Cancelled	12%	16 %	11%	Testing Cancelled	3%	4%
						Testing						\bigstar
Reading	65%	Testing Cancelled	50%	62 %	35%	Cancelled	24%	<35%>	17%	Testing Cancelled	11%	19%

Seventh grade math and reading show the same districtwide trend, with reading scores peaking at the Masters level. Reading for 7th grade is only 3% below the 2019 level at Approaches. For 7th grade, we will surpass the 2019 scores next year.

8th Grade	~	×		Cases Cases	√	×			<	×		Bask
	Approaches	Approaches	Approaches	Approaches	Meets	Meets	Meets	Meets	Masters	Masters	Masters	Masters
	2019	2020	2021	2022	2019	2020	2021	2022	2019	2020	2021	2022
Math	90%	Testing Cancelled	26%	69%	57%	Testing Cancelled	4%	34%	7%	Testing Cancelled	0%	6%
Reading	81%	Testing Cancelled	60%	76 %	41%	Testing Cancelled	34%	48%	19%	Testing Cancelled	15%	26%
Science	79%	Testing Cancelled	49%	65%	39 %	Testing Cancelled	25%	32%	16%	Testing Cancelled	32%	15%
Social Studies	52%	Testing Cancelled	37%	41%	16%	Testing Cancelled	12%	12%	8%	Testing Cancelled	3%	5%
8th Grade Algebra I	100%	Testing Cancelled	97%	<100%>	100%	Testing Cancelled	69%	90%	100%	Testing Cancelled	28%	79%

Grade 8 students take 4 exams, to include an advanced group testing Algebra I at 8th grade. We also see a big rebound in reading. The Meets and Masters levels are higher than in 2019, and the Approaches level is barely under 2019 levels with a difference of only 5%. The trends show that as students have matured, the ability to rebound from the pandemic is easier and faster overall. Another year will likely bring 8th grade above and beyond 2019 levels.

SEHS' scores for the 5 EOC exams are seen on the following page. We see the same trends overall. Our students are regaining the lost ground and rebounding back up to 2019's scores. The gains are slower, however. The high school EOC's, especially English I and II, have higher passing standards than other STAAR tests. English I and II have the highest passing standards overall and are notoriously hard to shift those scores in an upward direction, especially in areas with a large number of Emergent Bilingual students, as SEISD has.



High School	Approaches 2019	Approaches 2020	Approaches 2021	Approaches 2022	Meets 2019	Meets 2020	Meets 2021	Meets 2022	Masters 2019	X Masters 2020	Masters 2021	Masters 2022
English I	62%	Testing Cancelled	53%	43%	35%	Testing Cancelled	30%	26%	4%	Testing Cancelled	3%	<4%>
English II	70 %	Testing Cancelled	52%	53%	37%	Testing Cancelled	38%	36%	2%	Testing Cancelled	3%	1%
Algebra I	90%	Testing Cancelled	62%	47 %	65%	Testing Cancelled	17%	13%	35%	Testing Cancelled	3%	5%
Biology	87%	Testing Cancelled	64%	64%	50%	Testing Cancelled	24%	30%	12%	Testing Cancelled	2%	5%
U.S. History	95%	Testing Cancelled	83%	80 %	69%	Testing Cancelled	48%	51%	30%	Testing Cancelled	21%	22%

Finally, the table below shows the district as a whole, averaging all students from grades 3-12 into each subject area in order to see the overall trends.

Gr. 3-12- All Students	Approaches	Approaches	Approaches	Back Stool Stool	Meets	X Meets	Meets	Rake Saco Meets	√ Masters	X Masters	Masters	Masters
	2019	2020	2021	2022	2019	2020	2021	2022	2019	2020	2021	2022
All Students -Math	84%	Testing Cancelled	47 %	61%	48%	Testing Cancelled	14%	26%	21%	Testing Cancelled	4%	9%
All Students -Reading	71%	Testing Cancelled	52%	61%	36%	Testing Cancelled	27%	X 38%	12%	Testing Cancelled	6%	13%
All Students -Science	80%	Testing Cancelled	54%	63%	45%	Testing Cancelled	20%	30%	15%	Testing Cancelled	3%	9 %
All Students -Social Studies	75%	Testing Cancelled	73%	60%	42%	Testing Cancelled	41%	31%	19%	Testing Cancelled	17%	14%
District Summary	75%	Testing Cancelled	51%	62 %	40%	Testing Cancelled	22%	32%	15%	Testing Cancelled	5%	11%

The trends show a decline in 2021, followed by a significant increase in 2022. We did exceptionally well in increasing our reading scores at the Meets and Masters levels above the levels we were at in 2019. This is a hopeful sign. We have work to do in order to regain and surpass our 2019 scores, but we are well on our way. With the team we have in SEISD, nothing will keep our Eagles from soaring!



BUDGET:

There is no budgetary impact.

ADMINISTRATIVE RECOMMENDATION:

It is recommended that the Board review the STAAR / EOC scores in grades 3-12 based on 2021-2022 testing.

Please check one: \Box For approval \boxtimes Report / Information only \Box Recognition only