Setting Performance Measure Progress Expectations on STAAR for English Learners

Described below is a procedure for setting the performance measure progress expectations for all eligible English learners (EL) to determine whether an EL is making sufficient progress towards meeting State of Texas Assessments of Academic Readiness (STAAR®) performance standard (i.e., *Approaches*, *Meets*, and *Masters*). The progress expectations for EL performance measure (ELPM) will be set individually for each eligible EL on each eligible STAAR assessment using the ELPM plan (see Table 1).

Determining performance measure progress expectations on STAAR for English Learners is applicable for all recently arrived English learners (RAELs).

- To comply with ESSA requirements, RAELs are defined as students who are in their second year in U.S. schools. All Texas ELs are expected to exit the EL program after four or five years, which is a challenging but achievable timeframe for second language acquisition based on currently available second language acquisition research[1].
- The following student information will be used to determine each student's expected years to exit the EL program.
  - Number of years in U.S. schools
  - Texas English Language Proficiency Assessment System (TELPAS) composite rating

Table 1
ELPM Plan Based on Students' TELPAS Composite Ratings

Number of Years in U.S. Schools	TELPAS Composite Rating	ELPM Plan (Expected Years to Exit the EL Program)	
		All Except English I & II	**English I & II**
2	1, 2	4	5
	3	3	4
	4	2	3

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[1] Hakuta, K., Butler, Y.G., & Witt, D. (2000). How long does it take English learners to attain proficiency? *University of California Linguistic Minority Research Institute Policy Report 2000-1*. Santa Barbara, CA: University of California-Santa Barbara.

The number of years in the U.S. schools and TELPAS composite rating are used to determine the ELPM plan for each eligible student. The performance measure progress expectations are set for each EL based on his or her ELPM plan, number of years in U.S. schools, and his or her STAAR performance level. Calculations will be done for new students when they meet the eligibility criteria for the first time. Some students who took their first EOC tests prior to or during the December 2022 administration are held to slightly lower STAAR standards. The progress expectation calculations will use their appropriate standards. Students who have valid STAAR scale scores (English version) and TELPAS composite ratings are included unless they are not identified as currently EB/EL or have a parental denial for language services.

Equal-spacing method will be used to space the expectations within the scale score range starting from the chance level (or guessing point) to the *Approaches Grade Level*, from *Approaches Grade Level* to *Meets Grade Level*, and from *Meets Grade Level* to *Masters Grade Level* scale score cuts of each STAAR assessment (see Figure 1).
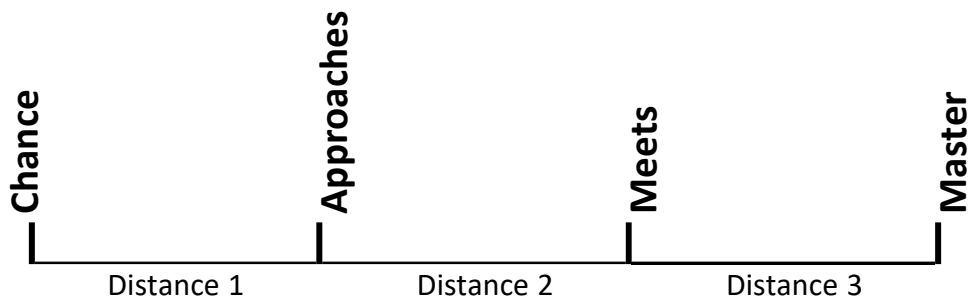

Figure 1
Three Scale Score Ranges (Distances) Used for Progress Expectation Calculations

The scale score values for the Approaches ($SS_{Approaches}$), Meets (SS_{Meets}), and Masters ($SS_{Masters}$) resulted from the standard setting in summer 2023 and are in the spring 2023 STAAR raw score-to-scale score conversion tables. To find the chance-level scale score value for each test:

- Calculate the chance-level raw score point for a given test as the number of dichotomous items times 0.25
- Round the chance-level raw score to an integer if it is not an integer.
- Find the chance-level scale score value (SS_{Chance}) from spring 2023 STAAR raw score-to-scale score conversion tables.

The three scale score ranges (distances) in Figure 1 are then calculated:
- Distance 1 = $SS_{Approaches} - SS_{Chance}$
- Distance 2 = $SS_{Meets} - SS_{Approaches}$
- Distance 3 = $SS_{Masters} - SS_{Meets}$

Equally space the three scale score ranges (distances) into step values by the appropriate ELPM Plan by dividing each distance by a student's ELPM Plan as the step value for this student. A student's Number

of Years in U.S. Schools (2) is then used to determine the students' performance measure progress expectations as follows:

- ELPM *Approaches* = $SS_{Chance} + \frac{Distance\ 1}{ELPM\ Plan} * 2$

- ELPM *Meets* = $SS_{Approaches} + \frac{Distance\ 2}{ELPM\ Plan} * 2$

- ELPM *Masters* = $SS_{Meets} + \frac{Distance\ 3}{ELPM\ Plan} * 2$

Round each progress expectation value up to the next whole number. Four indicators are produced for each eligible EL on whether he or she has met the performance measure progress expectations towards achieving each STAAR performance standard by comparing each EL's STAAR scale scores to the progress expectations. The four indicators are:

- Progress towards achieving *Approaches Grade Level*: Met (1) or Did Not Meet (0)
- Progress towards achieving *Meets Grade Level*: Met (1) or Did Not Meet (0)
- Progress towards achieving *Masters Grade Level*: Met (1) or Did Not Meet (0)
- Achieved *Masters Grade Level* on STAAR

The corresponding scale scores for the performance measure progress expectations needed for the reporting of ELPM for the RAELs are included in the Appendix.

Appendix: ELPM on STAAR for RAELs: Calculation Details and Progress Expectations

Table 2. Distances for Calculating ELPM Progress Expectations

Test	Distance 1[a] (Approaches_2016_22*)	Distance 1[a] (Approaches)	Distance 2[a] (Meets 2016_22*)	Distance 2[a] (Meets)	Distance 3[a] (Masters)
Grade 3 Reading Language Arts (RLA) English		132		122	129
Grade 3 Mathematics English		156		111	129
Grade 4 RLA English		102		138	111
Grade 4 Mathematics English		183		95	133
Grade 5 RLA English		171		117	108
Grade 5 Mathematics English		139		119	142
Grade 5 Science English		960		450	380
Grade 6 RLA		125		99	115
Grade 6 Mathematics		151		129	144
Grade 7 RLA		171		105	102
Grade 7 Mathematics		164		90	172
Grade 8 RLA		114		106	105
Grade 8 Mathematics		132		105	150
Grade 8 Science		655		450	619
Grade 8 Social Studies		773		450	352
Algebra I	476	485	459	450	345
English I	508	508	225	225	606
English II	533	533	225	225	734
Biology	269	269	450	450	531
U.S. History	362	376	464	450	424

[a] *Distances were calculated with the spring 2023 STAAR administration data.*
* *For test takers who qualify for the 2016_22 standard.*

Table 3. Expected Scale Scores for Students Whose ELPM Plan is 4 (or 5 for English I and English II)

Test	ELPM Approaches 2016_22*	ELPM Approaches	ELPM Meets 2016_22*	ELPM Meets	ELPM Masters	ELPM *Masters* based on STAAR Performance
Grade 3 RLA English		1279		1406	1532	1596
Grade 3 Mathematics English		1282		1416	1536	1600
Grade 4 RLA English		1363		1483	1608	1663
Grade 4 Mathematics English		1371		1510	1624	1690
Grade 5 RLA English		1390		1534	1646	1700
Grade 5 Mathematics English		1446		1575	1705	1776
Grade 5 Science English		3070		3775	4190	4380
Grade 6 RLA		1473		1585	1692	1749
Grade 6 Mathematics		1541		1681	1817	1889
Grade 7 RLA		1479		1617	1720	1771
Grade 7 Mathematics		1621		1748	1879	1965
Grade 8 RLA		1535		1645	1751	1803
Grade 8 Mathematics		1688		1807	1934	2009
Grade 8 Science		3223		3775	4310	4619
Grade 8 Social Studies		3164		3775	4176	4352
Algebra I	3303	3308	3771	3775	4173	4345
English I	3471	3471	3865	3865	4243	4606
English II	3456	3456	3865	3865	4294	4734
Biology	3416	3416	3775	3775	4266	4531
U.S. History	3355	3362	3768	3775	4212	4424

For test takers who qualify for the Approaches 2016-22 standard.

Table 4. Expected Scale Scores for Students Whose ELPM Plan is 3 (or 4 for English I and English II)

Test	ELPM Approaches 2016_22*	ELPM Approaches	ELPM Meets 2016_22*	ELPM Meets	ELPM Masters	ELPM *Masters* based on STAAR Performance
Grade 3 RLA English		1301		1427	1553	1596
Grade 3 Mathematics English		1308		1434	1557	1600
Grade 4 RLA English		1380		1506	1626	1663
Grade 4 Mathematics English		1401		1526	1646	1690
Grade 5 RLA English		1418		1553	1664	1700
Grade 5 Mathematics English		1469		1595	1729	1776
Grade 5 Science English		3230		3850	4254	4380
Grade 6 RLA		1494		1601	1711	1749
Grade 6 Mathematics		1566		1702	1841	1889
Grade 7 RLA		1507		1634	1737	1771
Grade 7 Mathematics		1649		1763	1908	1965
Grade 8 RLA		1554		1663	1768	1803
Grade 8 Mathematics		1710		1824	1959	2009
Grade 8 Science		3332		3850	4413	4619
Grade 8 Social Studies		3293		3850	4235	4352
Algebra I	3383	3389	3847	3850	4230	4345
English I	3521	3521	3888	3888	4303	4606
English II	3509	3509	3888	3888	4367	4734
Biology	3461	3461	3850	3850	4354	4531
U.S. History	3416	3425	3846	3850	4283	4424

*For test takers who qualify for the Approaches 2016-22 standard.

Table 5. Expected Scale Scores for Students Whose ELPM Plan is 2 (or 3 for English I and English II)

Test	ELPM Approaches 2016_22*	ELPM Approaches	ELPM Meets 2016_22*	ELPM Meets	ELPM Masters	ELPM** Masters based on STAAR Performance
Grade 3 RLA English		1345		1467	1596	1596
Grade 3 Mathematics English		1360		1471	1600	1600
Grade 4 RLA English		1414		1552	1663	1663
Grade 4 Mathematics English		1462		1557	1690	1690
Grade 5 RLA English		1475		1592	1700	1700
Grade 5 Mathematics English		1515		1634	1776	1776
Grade 5 Science English		3550		4000	4380	4380
Grade 6 RLA		1535		1634	1749	1749
Grade 6 Mathematics		1616		1745	1889	1889
Grade 7 RLA		1564		1669	1771	1771
Grade 7 Mathematics		1703		1793	1965	1965
Grade 8 RLA		1592		1698	1803	1803
Grade 8 Mathematics		1754		1859	2009	2009
Grade 8 Science		3550		4000	4619	4619
Grade 8 Social Studies		3550		4000	4352	4352
Algebra I	3541	3550	4000	4000	4345	4345
English I	3606	3606	3925	3925	4404	4606
English II	3598	3598	3925	3925	4490	4734
Biology	3550	3550	4000	4000	4531	4531
U.S. History	3536	3550	4000	4000	4424	4424

*For test takers who qualify for the Approaches 2016-22 standard.
**Note that for an ELPM Plan of 2 (or 3 for English I and English II), the ELPM Masters and ELPM Masters based on STAAR cuts differ only for English I and English II