

*PROPOSED*  
DOMAIN I-V CALCULATIONS

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# DOMAIN I STUDENT ACHIEVEMENT

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- 3 Components to earn the Domain I score:
  1. Percent of **ALL** students who score at the Phase-In passing standard
  2. Percent of **ALL** students who score Final Recommended in ANY subject
  3. Percent **ALL** of students who score Advanced

Includes **ALL** test

## PROJECTED ESTIMATES - Raw Score Conversion Ranges for Spring 2017 STAAR Assessments

(Based on PROPOSED Commissioner Rule That Would Redefine Performance Standards on STAAR Beginning in 2016-17)

	Max. Raw Score on 2017 Test	2012-2015 Satisfactory Performance <i>(formerly Level II-Phase 1)</i>			Approaches Grade Level <i>(formerly Level II 2015-16 Std. Progression)</i>			Meets Grade Level <i>(formerly Level II-Final)</i>			Masters Grade Level <i>(formerly Level III)</i>		
		Scale Score Cutpoint	% of Items Correct in Spring 2016	ESTIMATED Raw Score Range in Spring 2017	Scale Score Cutpoint	% of Items Correct in Spring 2016	ESTIMATED Raw Score Range in Spring 2017	Scale Score Cutpoint	% of Items Correct in Spring 2016	ESTIMATED Raw Score Range in Spring 2017	Scale Score Cutpoint	% of Items Correct in Spring 2016	ESTIMATED Raw Score Range in Spring 2017
Reading	Grade 3	34			1345	53%	17-19	1468	75%	25-27	1555	85%	28-30
	Grade 4	36			1434	55%	19-21	1550	77%	27-29	1633	86%	30-32
	Grade 5	38			1470	57%	20-22	1582	76%	28-30	1667	87%	32-34
	Grade 6	40			1517	56%	22-24	1629	77%	30-32	1718	88%	34-36
	Grade 7	42			1567	58%	23-25	1674	76%	31-33	1753	86%	35-37
	Grade 8	44						1700	75%	32-34	1783	88%	38-40
	English I	68	3750	51%	34-36				61%	40-42	4691	80%	54-56
	English II	68	3750	54%	36-38				64%	43-45	4831	85%	57-59
Math	Grade 3	32			1360	52%	16-18	1486	76%	23-25	1596	89%	28-30
	Grade 4	34			1467	50%	16-18	1589	73%	24-26	1670	83%	27-29
	Grade 5	36			1500	48%	16-18	1625	72%	25-27	1724	86%	30-32
	Grade 6	38			1536	37%	13-15	1653	60%	22-24	1772	81%	30-32
	Grade 7	40			1575	41%	15-17	1688	63%	24-26	1798	81%	32-34
	Grade 8	42			1595	46%	19-21				1854	86%	35-37
	Algebra I	54	3500	37%	19-21	3550	39%	20-22			3933	78%	41-43
Science	Grade 5	36			3550	59%	20-22	4000	69%	28-30	4402	91%	32-34
	Grade 8	42			3550	54%	22-24	4000	72%	29-31	4406	85%	35-37
	Biology	54	3500	37%	19-21	3550	39%	20-22	4000	61%	32-34	4576	83%
SS	Grade 8	44			3550	52%	22-24	4000	73%	31-33	4268	83%	35-37
	US History	68	3500	41%	27-29	3550	44%	29-31	4000	65%	43-45	4440	81%
Writing	Grade 4	32			3550	54%	16-18	4000	69%	21-23	4612	81%	25-27
	Grade 7	46			3550	59%	26-28	4000	72%	32-34	4602	85%	38-40

Passing Standard

Final Recommended

Advanced

## EXAMPLE OF DOMAIN I CALCULATION

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Add the 3 percents and divide by 300 (total possible points)

$$66.9+34.9+12.7 = 114.5$$

$$114.5/300 = .38$$

- Domain I Score = 38

### Domain I-IV Targets for 2015-16 A-F Ratings\*

	Grade	Domain I	Domain II	Domain III**	Domain IV
<b>Elementary School</b>	A	60	53	10.8 or greater	98.0
	B	51	47	2.2 to 10.7	96.0
	C	40	41	-2.2 to 2.1	93.0
	D	34	37	-10.8 to -2.3	90.0
	F	Less than 34	Less than 37	Less than -10.8	Less than 90.0
<b>Middle School</b>	A	60	45	9.6 or greater	99.0
	B	48	41	1.9 to 9.5	97.0
	C	37	36	-1.9 to 1.8	94.0
	D	31	33	-9.6 to -2.0	91.0
	F	Less than 31	Less than 33	Less than -9.6	Less than 91.0
<b>High School/K-12</b>	A	60	40	12.5 or greater	98
	B	51	33	2.5 to 12.4	92
	C	40	25	-2.5 to 2.4	82
	D	33	20	-12.5 to -2.6	74
	F	Less than 33	Less than 20	Less than -12.5	Less than 74
<b>AEA Campus</b>	A	35	35	11.4 or greater	73
	B	29	28	2.3 to 11.3	54
	C	19	18	-2.3 to 2.2	40
	D	13	11	-11.4 to -2.4	33
	F	Less than 13	Less than 11	Less than -11.4	Less than 33
<b>District (Non-AEA)</b>	A	60	42	7.0 or greater	96
	B	47	39	1.4 to 6.9	91
	C	39	36	-1.4 to 1.3	81
	D	35	33	-7.0 to -1.5	73
	F	Less than 35	Less than 33	Less than -7.0	Less than 73
<b>AEA District</b>	A	35	36	9.5 or greater	80
	B	29	29	1.9 to 9.4	64
	C	20	19	-1.9 to 1.8	35
	D	15	15	-9.5 to -2.0	33
	F	Less than 15	Less than 15	Less than -9.5	Less than 33

## DOMAIN II STUDENT PROGRESS

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- Evaluates 10 subgroups
  - All students
  - 7 Racial/Ethnic groups – Minimum size 25
  - Special Ed – Minimum size 25
  - ELL (current and monitored) – Minimum size 25
- A campus earns 1 point for each student who meets or exceeds progress
- A campus earns 1 point for each student who exceeds progress

## EXAMPLE OF DOMAIN II CALCULATION

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	ALL	AA	HISP.	WHITE	Spec. Ed	ELL
Met or exceeds progress	60	57	60	63	53	59
Exceeds	16	14	17	16	11	18
<b>Total Percent</b>	<b>76</b>	<b>71</b>	<b>77</b>	<b>79</b>	<b>64</b>	<b>76</b>

$$\frac{76+71+77+79+64+76}{1200} = \frac{443}{1200} = 37\%$$

**D**



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# DOMAIN III

## CLOSING PERFORMANCE GAPS

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- Goal of Domain III -How are the ECD students performing in comparison to ALL students
- All tests
- Economically Disadvantaged Students ONLY
- Minimum size across tested areas: 40

## EXAMPLE OF DOMAIN III CALCULATION

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- TEA developed a formula to calculate a '**Predicted Score**' based on percent of economically disadvantaged students (campus/district)
- Each predicted score varies based on campus type and percent of ECD students.
- Calculate the **actual score** of ECD performance
- Actual Score of ECD performance - Predicted score of ECD performance

## EXAMPLE OF DOMAIN III CALCULATION

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District Example

$$y = -.15666(70.9) + 45.89303 \quad *70.9 - \% \text{ of ECD students}$$

$$y = -11.11 + 45.89303$$

$y = \text{Predicted score} = 34.79$  -Based on formula and percent of students ECD

**Actual score = 32.23**

Actual score – predicted score

$$32.23 - 34.79 = -2.56$$

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	C	20	19	-1.9 to 1.8	35
	D	15	15	-9.5 to -2.0	33
	F	Less than 15	Less than 15	Less than -9.5	Less than 33

# DOMAIN IV

## POST SECONDARY READINESS

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- 10 student groups
  - All students
  - 7 Racial/Ethnic groups
  - SPED
  - ELLs (current and monitored)
- Elementary – Attendance
- Middle – Attendance and Drop Out Rate
  
- \*\*Minimum size of 25 for each group

# CALCULATING CHRONIC ABSENTEEISM

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- Percent of students in attendance for 83% or more of the school year. (Excludes high mobility rate students)
- Chronic absenteeism – Of the non-mobile students percent of students absent 10% of the days they were eligible to attend

\*Though its called chronic absenteeism, the score is the percent of students NOT chronically absent.

# HIGH SCHOOL AND DISTRICT DOMAIN IV

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- Graduation Rate
- Annual Graduates who complete at least 1 of the following
  - *Completed* a CTE-Coherent Sequence of courses
  - *Completed* 12 or more hours of postsecondary credit
  - Perform at or above criterion score on 1 or more AP/IB examinations
  - Met the TSI benchmark on TSIA, SAT, or ACT
  - Enlist in the armed forces
- Graduation Plan Rate

# DOMAIN V

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- 8 Categories

<b>Fine Arts</b>	<b>Second Language Acquisition</b>
<b>Wellness and Physical Education</b>	<b>Digital Learning Environment</b>
<b>Community and Parental Involvement</b>	<b>Drop out prevention strategies</b>
<b>21<sup>st</sup> Century Development Program</b>	<b>Educational Program for G/T students</b>

- In the summer of 2017, district and campuses will choose 3 of the 8 for the Domain V rating.
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# PROPOSED DOMAIN CALCULATIONS

Domains	How much does it count?
The best of Domain I or Domain II Student Achievement OR Student Progress	35%
Domain III Closing Performance Gap	20%
Domain IV Post Secondary Readiness	35%
Domain V Community & Student Engagement	10%
Overall	100%