

Final 2017 School Performance Framework

5259: STEM SCHOOL HIGHLANDS RANCH | 0900: DOUGLAS COUNTY RE 1

Level: EMH - (1-Year)

Plan Type Official plan type I

Official plan type based on: 1-Year SPF report

Performance Plan: Low Participation

87.4 / 100

- John Irwin Award

The school's official plan type is based on either the 1-year or multi-year framework as indicated in the right hand corner of the black title bar above. Schools are assigned a plan type based on the overall percent of points earned on the official framework. The overall percent of framework points is calculated from the percentage of points earned out of points eligible. The official percent of points earned is matched to the scoring guide to determine the plan type. Failing to meet the accountability participation rate of 95% on two or more assessments will reduce the overall plan type by one level. Please see the scoring guide at the end of this report for additional information.

Indicator Rating Totals			
		Weighted Pts	
Performance Indicators	% Pts Earned	Earned/Pts Eligible	Rating
Academic Achievement	98.9%	29.7 / 30	Exceeds
Academic Growth	74.5%	29.8 / 40	Meets
Postsecondary & Workforce Readiness	92.9%	27.9 / 30	Exceeds

Assurance

Rating Meets 95%

Accountability Participation Rate

Test Participation Rates (Ratings are based on Accountability Participation Rate)

	Total	Valid	Participation	Parent	Accountability Participation		34 Tu
Subject	Records	Scores	Rate	Excuses	Rate**	Rating	
English Language Arts	1,318	1,061	80.5%	254	99.7%	Meets 95%	Ins
Math	1,318	1,057	80.2%	260	99.9%	Meets 95%	or
Science	432	338	78.2%	94	100.0%	Meets 95%	

Summary of Plan Types by EMH Level

EMH Level	Performance Indicators	% Pts Earned	Weighted Pts Earned/Pts Eligible	Rating	Weighted % Pts Earned	Rating by EMH Level
Elementary	Academic Achievement	100.0%	40 / 40	Exceeds	77 50/	Performance
	Academic Growth	62.5%	37.5 / 60	Meets	77.5%	Fenomance
Middle	Academic Achievement	97.0%	38.8 / 40	Exceeds		Derfermenee
	Academic Growth	73.8%	44.3 / 60	Meets	83.1%	Performance
High	Academic Achievement	100.0%	30 / 30	Exceeds		5.4
	Academic Growth	87.9%	35.2 / 40	Exceeds	93.1%	Performance
	Postsecondary & Workforce Readiness	92.9%	27.9 / 30	Exceeds		

(*) Not Applicable; (-) No Reportable Data | For additional information, reference the scoring guide on the last page of this report.

(^) Schools with an Insufficient State Data plan type will maintain their previously assigned year on the clock.

(**) The Accountability Participation Rate differs from the "Participation Rate" in the following ways: it excludes Parent Excuses from the denominator; it includes in both the numerator and denominator English Learners in their first year in the United States who took WIDA ACCESS for ELLs instead of the PARCC ELA assessment.



The plan type presented above is based on the total percent of framework points earned out of points eligible:

Performance: at or above 53.0%

Improvement: at or above 42.0%-below 53.0%

Priority Improvement: at or above 34.0%-below 42.0%

Turnaround: below 34.0%

nsufficient Data: No reportable data or only PWR data



5259: STEM SCHOOL HIGHLANDS RANCH | 0900: DOUGLAS COUNTY RE 1

Level: Elementary - (1-Year)

ACADEMIC ACHIEVEMENT

			Participation	Mean Scale	Percentile	Pts Earned/	
Subject	Student Group	Count	Rate	Score	Rank	Eligible	Rating
CMAS - English	All Students	231	92.5%	759.9	90	16 / 16	Exceeds
Language Arts	Previously Identified for READ Plan	n < 16	-	-	-	0/0	-
	English Learners	20	95.2%	763.8	93	2/2	Exceeds
	Free/Reduced-Price Lunch Eligible	n < 16	-	-	-	0/0	-
	Minority Students	91	94.8%	763.0	93	2/2	Exceeds
	Students with Disabilities	n < 16	-	-	-	0/0	-
CMAS - Math	All Students	231	92.5%	755.2	89	16 / 16	Exceeds
	English Learners	20	95.2%	759.3	93	2 / 2	Exceeds
	Free/Reduced-Price Lunch Eligible	n < 16	-	-	-	0/0	-
	Minority Students	91	94.8%	759.8	94	2 / 2	Exceeds
	Students with Disabilities	n < 16	-	-	-	0/0	-
CMAS - Science	All Students	96	93.3%	678.7	93	16 / 16	Exceeds
	English Learners	n < 16	-	-	-	0/0	-
	Free/Reduced-Price Lunch Eligible	n < 16	-	-	-	0/0	-
	Minority Students	38	95.0%	682.8	95	2 / 2	Exceeds
	Students with Disabilities	n < 16	-	-	-	0/0	-
TOTAL		*	*	*	*	58 / 58	Exceeds

ACADEMIC GROWTH

Subject	Student Group	Count	Median Growth Percentile	Pts Earned/Eligible	Rating
CMAS - English	All Students	140	54.0	12 / 16	Meets
Language Arts	English Learners	n < 20	-	0/0	-
	Free/Reduced-Price Lunch Eligible	n < 20	-	0/0	-
	Minority Students	57	62.0	1.5 / 2	Meets
	Students with Disabilities	n < 20	-	0 / 0	-
CMAS - Math	All Students	139	38.0	8/16	Approaching
	English Learners	n < 20	-	0/0	-
	Free/Reduced-Price Lunch Eligible	n < 20	-	0/0	-
	Minority Students	57	38.0	1/2	Approaching
	Students with Disabilities	n < 20	-	0 / 0	-
ELP	English Language Proficiency	n < 20	-	0/0	-
TOTAL		*	*	22.5 / 36	Meets

This page displays the performance indicator data for the elementary school level. For additional information regarding Academic Achievement and Academic Growth points, cut-points, and ratings see the scoring guide at the end of this document.

The Participation Rate includes parent excuses in the denominator and excludes English Learners in their first year in the United States who took the WIDA ACCESS for ELLS instead of the PARCC ELA assessment in the numerator and denominator.

Academic Achievement: reflects the mean scale score for the identified subject and student group based on 2017 assessment results. Academic Growth: reflects the median student growth percentile for the identified student group based on 2017 CMAS PARCC growth results for Math and English Language Arts. English Language Proficiency has not yet been calculated or validated and so is not included.

Data on this page are based on results from 2016-17, unless otherwise noted. For additional information, reference the scoring guide on the last page of this report.



Final 2017 School Performance Framework

5259: STEM SCHOOL HIGHLANDS RANCH | 0900: DOUGLAS COUNTY RE 1

Level: Middle - (1-Year)

	ACHIEVEIVIENI						
			Participation	Mean Scale	Percentile	Pts Earned/	
Subject	Student Group	Count	Rate	Score	Rank	Eligible	Rating
CMAS - English	All Students	505	75.0%	768.4	96	16 / 16	Exceeds
Language Arts	English Learners	27	84.4%	772.6	97	2/2	Exceeds
	Free/Reduced-Price Lunch Eligible	16	55.2%	753.3	79	1.5 / 2	Meets
	Minority Students	177	86.4%	772.0	97	2 / 2	Exceeds
	Students with Disabilities	20	60.6%	740.6	51	1.5 / 2	Meets
CMAS - Math	All Students	502	74.5%	751.4	90	16 / 16	Exceeds
	English Learners	27	84.4%	750.8	90	2 / 2	Exceeds
	Free/Reduced-Price Lunch Eligible	16	55.2%	739.1	70	1.5 / 2	Meets
	Minority Students	176	85.9%	754.9	94	2/2	Exceeds
	Students with Disabilities	20	60.6%	737.3	66	1.5 / 2	Meets
CMAS - Science	All Students	179	74.7%	687.2	97	16 / 16	Exceeds
	English Learners	n < 16	-	-	-	0/0	-
	Free/Reduced-Price Lunch Eligible	n < 16	-	-	-	0/0	-
	Minority Students	46	79.7%	691.9	97	2/2	Exceeds
	Students with Disabilities	n < 16	-	-	-	0/0	-
TOTAL		*	*	*	*	64 / 66	Exceeds

ACADEMIC	GROWTH				
Subject	Student Group	Count	Median Growth Percentile	Pts Earned/Eligible	Rating
CMAS - English	All Students	448	55.0	12 / 16	Meets
Language Arts	English Learners	26	67.5	2 / 2	Exceeds
	Free/Reduced-Price Lunch Eligible	n < 20	-	0 / 0	-
	Minority Students	158	63.0	1.5 / 2	Meets
	Students with Disabilities	n < 20	-	0 / 0	-
CMAS - Math	All Students	444	50.5	12 / 16	Meets
	English Learners	26	44.0	1/2	Approaching
	Free/Reduced-Price Lunch Eligible	n < 20	-	0 / 0	-
	Minority Students	158	45.0	1/2	Approaching
	Students with Disabilities	n < 20	-	0 / 0	-
ELP	English Language Proficiency	n < 20	-	0 / 0	-
TOTAL		*	*	29.5 / 40	Meets

This page displays the performance indicator data for the middle school level. For additional information regarding Academic Achievement and Academic Growth points, cut-points, and ratings see the scoring guide at the end of this document.

The Participation Rate includes parent excuses in the denominator and excludes English Learners in their first year in the United States who took the WIDA ACCESS for ELLS instead of the PARCC ELA assessment in the numerator and denominator.

Academic Achievement: reflects the mean scale score for the identified subject and student group based on 2017 assessment results. Academic Growth: reflects the median student growth percentile for the identified student group based on 2017 CMAS PARCC growth results for Math and English Language Arts. English Language Proficiency growth is based on 2015 student growth percentiles (from WIDA ACCESS for ELLs results).

Data on this page are based on results from 2016-17, unless otherwise noted. For additional information, reference the scoring guide on the last page of this report.



Final 2017 School Performance Framework

5259: STEM SCHOOL HIGHLANDS RANCH | 0900: DOUGLAS COUNTY RE 1

Level: High - (1-Year)

CMAS - English		Count	Participation	Mean Scale	Percentile	Pts Earned/	
CMAS - English A	All Students						
U			Rate	Score	Rank	Eligible	Rating
		107	64.1%	775.0	99	8/8	Exceeds
Language Arts E	English Learners	n < 16	-	-	-	0/0	-
F	ree/Reduced-Price Lunch Eligible	n < 16	-	-	-	0/0	-
Ν	Vinority Students	32	68.1%	771.8	99	1/1	Exceeds
S	Students with Disabilities	n < 16	-	-	-	0/0	-
CMAS - Math A	All Students	106	63.5%	761.2	98	8/8	Exceeds
E	English Learners	n < 16	-	-	-	0/0	-
F	Free/Reduced-Price Lunch Eligible	n < 16	-	-	-	0/0	-
Ν	Vinority Students	32	68.1%	762.6	99	1/1	Exceeds
S	Students with Disabilities	n < 16	-	-	-	0/0	-
CMAS - Science A	All Students	61	70.1%	709.0	98	16 / 16	Exceeds
E	English Learners	n < 16	-	-	-	0/0	-
F	Free/Reduced-Price Lunch Eligible	n < 16	-	-	-	0/0	-
Ν	Vinority Students	17	77.3%	709.0	98	2/2	Exceeds
S	Students with Disabilities	n < 16	-	-	-	0/0	-
CO PSAT - A	All Students	129	94.2%	573.0	97	8/8	Exceeds
	English Learners	n < 16	-	-	-	0/0	-
BASED READING AND	Free/Reduced-Price Lunch Eligible	n < 16	-	-	-	0/0	-
	Vinority Students	34	91.9%	574.7	97	1/1	Exceeds
S	Students with Disabilities	n < 16	-	-	-	0/0	-
CO PSAT - A	All Students	129	94.2%	562.6	98	8/8	Exceeds
MATH E	English Learners	n < 16	-	-	-	0/0	-
F	Free/Reduced-Price Lunch Eligible	n < 16	-	-	-	0/0	-
Ν	Vinority Students	34	91.9%	560.9	97	1/1	Exceeds
S	Students with Disabilities	n < 16	-	-	-	0/0	-
TOTAL		*	*	*	*	54 / 54	Exceeds

This page displays performance indicator data for the high school level. For additional information regarding Academic Achievement points, cut-points, and ratings see the scoring guide at the end of this document.

The Participation Rate includes parent excuses in the denominator and excludes English Learners in their first year in the United States who took the WIDA ACCESS for ELLS instead of the PARCC ELA assessment in the numerator and denominator.

Academic Achievement: reflects the mean scale score for the identified subject and student group based on 2017 assessment results. English Language Proficiency growth for 2017 has not yet been calculated or validated and so is not included.

Data on this page are based on results from 2016-17, unless otherwise noted. For additional information, reference the scoring guide on the last page of this report.



5259: STEM SCHOOL HIGHLANDS RANCH | 0900: DOUGLAS COUNTY RE 1

Level: High - (1-Year)

ACADEMIC	GROWTH				
Subject	Student Group	Count	Median Growth Percentile	Pts Earned/Eligible	Rating
CMAS - English	All Students	88	70.0	8 / 8	Exceeds
Language Arts	English Learners	n < 20	-	0 / 0	-
	Free/Reduced-Price Lunch Eligible	n < 20	-	0 / 0	-
	Minority Students	30	60.0	.75 / 1	Meets
	Students with Disabilities	n < 20	-	0 / 0	-
CMAS - Math	All Students	50	58.5	6 / 8	Meets
	English Learners	n < 20	-	0 / 0	-
	Free/Reduced-Price Lunch Eligible	n < 20	-	0 / 0	-
	Minority Students	n < 20	-	0 / 0	-
	Students with Disabilities	n < 20	-	0 / 0	-
CO PSAT TO SAT	All Students	82	68.0	8 / 8	Exceeds
- EVIDENCE-	English Learners	n < 20	-	0 / 0	-
BASED READING	Free/Reduced-Price Lunch Eligible	n < 20	-	0 / 0	-
	Minority Students	20	70.5	1/1	Exceeds
	Students with Disabilities	n < 20	-	0 / 0	-
CO PSAT TO SAT	All Students	82	59.0	6 / 8	Meets
- MATH	English Learners	n < 20	-	0 / 0	-
	Free/Reduced-Price Lunch Eligible	n < 20	-	0/0	-
	Minority Students	20	66.5	1/1	Exceeds
	Students with Disabilities	n < 20	-	0 / 0	-
ELP	English Language Proficiency	n < 20	-	0 / 0	-
TOTAL		*	*	30.75 / 35	Exceeds

This page displays the performance indicator data for the high school level. For additional information regarding Academic Growth points, cut-points, and ratings see the scoring guide at the end of this document.

The Participation Rate includes parent excuses in the denominator and excludes English Learners in their first year in the United States who took the WIDA ACCESS for ELLS instead of the PARCC ELA assessment in the numerator and denominator.

Academic Growth: reflects the median student growth percentile for the identified student group based on 2017 growth results for the assessments and subject areas listed. English Language Proficiency growth has not yet been calculated or validated and so is not included.

Data on this page are based on results from 2016-17, unless otherwise noted. For additional information, reference the scoring guide on the last page of this report.



5259: STEM SCHOOL HIGHLANDS RANCH | 0900: DOUGLAS COUNTY RE 1

Level: High - (1-Year)

POSTSECONDARY AND WORKFORCE READINESS

					Participation	Pts	
Subject	Student Group	Count	Best Rate	Rate/Score	Rate	Earned/Eligible	Rating
CO SAT - EBRW^	All Students	86	*	609.2	98.9%	2/2	Exceeds
CO SAT - MATH	All Students	86	*	608.1	98.9%	2 / 2	Exceeds
Dropout	All Students	552	*	0.7%	*	3 / 4	Meets
Matriculation	All Students	54	*	81.5%	*	2 / 2	Exceeds
	2-Year Higher Education Institution	*	*	5.6%	*	*	-
	4-Year Higher Education Institution	*	*	68.5%	*	*	-
	Career & Technical Education	*	*	9.3%	*	*	-
Graduation	All Students	54	4yr	96.3%	*	4 / 4	Exceeds
	English Learners	n < 16	-	-	*	0/0	-
	Free/Reduced-Price Lunch Eligible	n < 16	-	-	*	0/0	-
	Minority Students	n < 16	-	-	*	0/0	-
	Students with Disabilities	n < 16	-	-	*	0/0	-
TOTAL		*	*	*	*	13 / 14	Exceeds

REFERENCE TABLE: DISAGGREGATED GRADUATION RATES

For historical graduation data: <u>http://www2.cde.state.co.us/schoolview/dish/schooldashboard.asp</u>

Student Group	4-Year (AYG 2016)	5-Year (AYG 2015)	6-Year (AYG 2014)	7-Year (AYG 2013)	Best Rate
All Students	96.3%	92.3%	-	-	4yr
English Learners	-	-	-	-	-
Free/Reduced-Price Lunch Eligible	-	-	-	-	-
Minority Students	-	-	-	-	-
Students with Disabilities	-	-	-	-	-

Dropout Rates: reflects the percentage of students enrolled in grades 7-12 who leave school during a single year. It is calculated by dividing the number of dropouts by a membership base, which includes all students who were in the membership any time during the year and did not enroll in a different Colorado school. The rates included in this report are based on the 2016 Colorado End of Year (EOY) data collection.

SAT: reflects the mean scale score by subject area for the identified district; SAT was administered to all 11th grade students in Colorado.

Matriculation Rates: reflects all 2016 high school graduates that enroll in a Career & Technical Education program, 2-Year Higher Education Institution, or 4-Year Higher Education Institution during the subsequent academic year. The rate also includes all high school graduates that earned a Career & Technical Education certificate or a college degree while they were still enrolled in high school. The matriculation data includes both in-state and out-of-state enrollments. For more information: http://www.cde.state.co.us/accountability/matriculation guidance and fag 7 25 16

Graduation Rates: Colorado calculates 'on-time' graduation as the percent of students who graduate from high school four years after entering ninth grade. The rates presented in this report reflect the best of the 4-, 5-, 6-, and 7-year graduation rates at the overall and disaggregated levels, based on end of year state submission reporting. The four-year rate for this report is based on 2016 graduates.

Anticipated Year of Graduation (AYG): is the expected year of graduation officially assigned at the end of a student's first year of 9th-12th grade in Colorado, typically based on the year the student enrolled in 9th grade. AYG cannot be changed once assigned through the Colorado End of Year (EOY) data collection system.

For additional information, reference the scoring guide on the last page of this report.

(*) Not Applicable; (-) No Reportable Data (^) Evidence-Based Reading and Writing

Performance Indicator	Measure/Metric Rating					Point Value					
	The district or school's mean scale score was*:	All Students Disaggregated				ted Gr	roup				
Academic Achievement		E & M (and H H ELA/EBRW		V E & M	E & M (and H H ELA/EBRW						
	see table below for actual values	Science)	& Math	Scie	ence)	& N	Math				
	at or above the 85th percentile	Exceeds	16	8	2.0		1.	.00			
	at or above the 50th percentile but below the 85th percentile	Meets	12	6	1.5		0.75				
	at or above the 15th percentile but below the 50th percentile	Approaching	8	4	1.0		0.50				
	below the 15th percentile	Does Not Meet 4 2		0	0.5 0.25						
	Students Previously Identified for a READ Plan (bonus point)										
	CMAS ELA Mean scale score at or above 725 (Approaching Expectation	2 bonus points									
	Median Growth Percentile was:			All Students Disaggregated Grou			лb	ELP			
				H E	& M	Н		ELP			
Academic Growth	at or above 65	Exceeds	16	8	2.0	1.0	0	-			
Academic Growth	• at or above 50 but below 65	Meets	12	6	1.5	0.7	5	-			
	• at or above 35 but below 50	Approaching	8	4	1.0	0.5	0	-			
	• below 35	Does Not Meet	4	2	0.5	0.2	5	-			
	Mean CO SAT Evidence-Based Reading and Writing (EBRW) scale score wa	s**:									
	• at or above 559.1	Exceeds	2.0								
	• at or above 509.2 but below 559.1	Meets	1.5								
	at or above 462.3 but below 509.2	1.0									
	• below 462.3 Does Not Meet 0.5										
	Mean CO SAT Math scale score was**:										
	• at or above 543.4	Exceeds	2.0								
	• at or above 491.7 but below 543.4	Meets	1.5								
	• at or above 446.5 but below 491.7 Approaching 1.0										
	• below 446.5	Does Not Meet	0.5								
	Dropout Rate: The district or school dropout rate was (of all schools in 2016):										
	at or below 0.5%	[4								
Postsecondary and	at or below 2.0% but above 0.5%	Meets	3								
Workforce Readiness	at or below 5.0% but above 2.0%	Approaching 2									
	above 5.0% Does Not Meet 1										
	Matriculation Rate (of all schools in 2016):										
	• at or above the 73.1%	2.0									
	at or above 59.3% but below 73.1%	1.5									
	• at or above 41.4% but below 59.3%	1.0									
	• below 41.1%	0.5									
	Graduation Rate and Disaggregated Graduation Rate (Best of 4-, 5-, 6-, or	All Students Each Disaggregated Gr			Grou						
	• at or above 95.0%	Exceeds		4	24011	1.0	-	5.00			
	• at or above 85.0% but below 95.0%	Meets		3	0.75						
	• at or above 75.0% but below 85.0%				0.50						
	• below 75.0%	Does Not Meet		2	0.25						

Academic Achievement: Mean Scale Score by Percentile Cut-Points

The Academic Achievement Indicator reflects achievement as measured by the mean scale score on Colorado's standardized assessments. The presented targets for the Achievement Indicators have been established utilizing baseline year data.*

	English Language Arts & EBRW for CO PSAT			Mathematics				Science			
Percentile	Elem	Middle	CMAS g9	PSAT g10	Elem	Middle	CMAS g9	PSAT g10	Elem	Middle	High
15th percentile	722.3	724.1	724.6	433.3	719.1	716.5	717.3	426.3	531.9	527.7	564.4
50th percentile	739.5	740.1	739.6	475.2	734.3	731.2	729.8	458.9	601.7	591.4	609.2
85th percentile	755.9	757.3	753.3	518.8	751.9	746.2	746.0	504.6	655.9	643.3	651.3

Cut-Points for Each Performance Indicator						
	Cut-Point:The district or school earnedof the points eligible.					
Achievement; Growth; Postsecondary Readiness	• at or above 87.5%	Exceeds				
	 at or above 62.5% but below 87.5% 	Meets				
	 at or above 37.5% but below 62.5% 	Approaching				
	• below 37.5%	Does Not Meet				

Total Possible Points by Performance Indicator						
Indicator	Total Possible Points per EMH Level	Elementary/Middle High/District				
	E & M- 72 points (16 per subject for all students and 8 per subject by disaggregated group) H- 72 points (8 per ELA/EBRW & Math for all students and 4 by disaggregated group, 16 for Science for all students and 8 by disaggregated group)	40%	30%			
Growth	E & M- 48 total points (16 per subject for all students, 8 per subject by disaggregated group) H- 48 points (8 per subject for all students, 4 per subject by disaggregated group)	60% 40%				
Postsecondary Readiness	18 total points (8 for graduation, 2 for matriculation and 4 for all other sub-indicators)	not applicable 30%				

Cut-Points for Plan/Category Type Assignment						
	District	School	Accreditation Category/Plan Type			
	74.0%	not applicable	Accredited w/Distinction (District only)			
Total Framework Points	56.0%	53.0%	Accredited (District) or Performance Plan (School)			
Total Framework Points	44.0%	42.0%	Accredited w/Improvement Plan (District) or Improvement Plan (School)			
	34.0%	34.0%	Accredited w/Priority Improvement Plan (District) or Priority Improvement (School)			
	25.0%	25.0%	Accredited w/Turnaround Plan(District) or Turnaround Plan (School)			

* 2016 school data used as baseline for CMAS and CoAlt (g3-9) ELA & Math, CMAS Science (g5, 8, 11) and CSLA.

** 2017 school data used as baseline for grade 10 CO PSAT and CO SAT EBRW & Math and CoAlt (g10-11) ELA & Math.