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

Plan Type Official plan ty

Official plan type based on: 1-Year SPF report

Please see official performance framework report

- John Irwin Award

83.3 / 100

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

Performance Indicators	% Pts Earned	Weighted Pts Earned/Pts Eligible	Rating
Academic Achievement	96.0%	28.8 / 30	Exceeds
Academic Growth	72.5%	29 / 40	Meets
Postsecondary & Workforce Readiness	85.0%	25.5 / 30	Meets

Assurance

Accountability Participation Rate

Performance: at or above 53.0%

Meets 95%

Performance

Improvement

Priority Imp.

Turnaround

points eligible:

Improvement: at or above 42.0%-below 53.0%

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

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

Level: EMH - (Multi-Year)

83.3%

Turnaround: below 34.0%

Insufficient Data: No reportable data or only PWR data

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

Subject	Total Records	Valid Scores	Participation Rate	Parent Excuses	Accountability Participation Rate**	Rating
English Language Arts	1,318	1,061	80.5%	254	99.7%	Meets 95%
Math	1,318	1,057	80.2%	260	99.9%	Meets 95%
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
Elementary	Academic Achievement	95.5%	38.2 / 40	Exceeds
	Academic Growth	65.6%	39.4 / 60	Meets
Middle	Academic Achievement	93.8%	37.5 / 40	Exceeds
	Academic Growth	63.5%	38.1 / 60	Meets
High	Academic Achievement	99.6%	29.9 / 30	Exceeds
	Academic Growth	93.8%	37.5 / 40	Exceeds
	Postsecondary & Workforce Readiness	85.0%	25.5 / 30	Meets

Weighted % Pts Earned	Rating by EMH
77.6%	Performance
75.6%	Performance
92.9%	Performance

^(*) 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.



Level: Elementary - (Multi-Year)

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ACADEMIC	ACHIEVEMENT						
Subject	Student Group	Count	Participation Rate	Mean Scale Score	Percentile Rank	Pts Earned/ Eligible	Rating
CMAS - English	All Students	520	86.6%	759.8	90	16 / 16	Exceeds
Language Arts	Previously Identified for READ Plan	n < 16	-	-	-	0/0	-
	English Learners	38	97.4%	760.3	91	2 / 2	Exceeds
	Free/Reduced-Price Lunch Eligible	27	84.4%	753.3	81	1.5 / 2	Meets
	Minority Students	182	94.3%	762.9	93	2/2	Exceeds
	Students with Disabilities	30	75.6%	732.4	34	1/2	Approaching
CMAS - Math	All Students	514	85.6%	753.7	87	16 / 16	Exceeds
	English Learners	38	97.4%	754.9	89	2/2	Exceeds
	Free/Reduced-Price Lunch Eligible	26	81.3%	735.0	51	1.5 / 2	Meets
	Minority Students	182	94.3%	759.6	94	2/2	Exceeds
	Students with Disabilities	30	75.6%	730.2	39	1/2	Approaching
CMAS - Science	All Students	199	94.8%	665.1	89	16 / 16	Exceeds
	English Learners	n < 16	-	-	-	0/0	-
	Free/Reduced-Price Lunch Eligible	n < 16	-	-	-	0/0	-
	Minority Students	65	95.6%	677.6	93	2/2	Exceeds
	Students with Disabilities	n < 16	-	-	-	0/0	-
TOTAL		*	*	*	*	63 / 66	Exceeds

ACADEMIC	GROWTH				
Subject	Student Group	Count	Median Growth Percentile	Pts Earned/Eligible	Rating
CMAS - English	All Students	393	60.0	12 / 16	Meets
Language Arts	English Learners	32	65.5	2/2	Exceeds
	Free/Reduced-Price Lunch Eligible	22	68.5	2/2	Exceeds
	Minority Students	136	65.0	2/2	Exceeds
	Students with Disabilities	22	46.0	1/2	Approaching
CMAS - Math	All Students	388	43.5	8 / 16	Approaching
	English Learners	32	40.5	1/2	Approaching
	Free/Reduced-Price Lunch Eligible	21	37.0	1/2	Approaching
	Minority Students	136	50.5	1.5 / 2	Meets
	Students with Disabilities	21	40.0	1/2	Approaching
ELP	English Language Proficiency	n < 20	-	0/0	-
TOTAL		*	*	31.5 / 48	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.



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Level: Middle - (Multi-Year)

ACADEMIC	ACHIEVEMENT						
			Participation	Mean Scale	Percentile	Pts Earned/	
Subject	Student Group	Count	Rate	Score	Rank	Eligible	Rating
CMAS - English	All Students	846	72.2%	770.3	97	16 / 16	Exceeds
Language Arts	English Learners	38	84.4%	769.9	97	2/2	Exceeds
	Free/Reduced-Price Lunch Eligible	35	57.4%	750.9	76	1.5 / 2	Meets
	Minority Students	265	81.7%	771.8	97	2/2	Exceeds
	Students with Disabilities	40	54.1%	735.8	38	1/2	Approaching
CMAS - Math	All Students	848	72.4%	750.0	89	16 / 16	Exceeds
	English Learners	38	84.4%	748.1	87	2/2	Exceeds
	Free/Reduced-Price Lunch Eligible	36	59.0%	735.4	62	1.5 / 2	Meets
	Minority Students	265	81.7%	751.8	91	2/2	Exceeds
	Students with Disabilities	41	55.4%	730.1	47	1/2	Approaching
CMAS - Science	All Students	542	79.4%	666.9	94	16 / 16	Exceeds
	English Learners	17	100.0%	659.1	91	2 / 2	Exceeds
	Free/Reduced-Price Lunch Eligible	37	80.4%	608.2	61	1.5 / 2	Meets
	Minority Students	127	81.5%	664.9	93	2/2	Exceeds
	Students with Disabilities	35	74.5%	569.1	37	1/2	Approaching
TOTAL		*	*	*	*	67.5 / 72	Exceeds

ACADEMIC	GROWTH				
Subject	Student Group	Count	Median Growth Percentile	Pts Earned/Eligible	Rating
CMAS - English	All Students	759	59.0	12 / 16	Meets
Language Arts	English Learners	37	69.0	2 / 2	Exceeds
	Free/Reduced-Price Lunch Eligible	31	41.0	1/2	Approaching
	Minority Students	240	63.0	1.5 / 2	Meets
	Students with Disabilities	36	58.5	1.5 / 2	Meets
CMAS - Math	All Students	616	48.0	8 / 16	Approaching
	English Learners	34	44.0	1/2	Approaching
	Free/Reduced-Price Lunch Eligible	27	37.0	1/2	Approaching
	Minority Students	201	44.0	1/2	Approaching
	Students with Disabilities	34	56.0	1.5 / 2	Meets
ELP	English Language Proficiency	n < 20	-	0/0	-
TOTAL		*	*	30.5 / 48	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.



Level: High - (Multi-Year)

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Subject	Student Group	Count	Participation Rate	Mean Scale Score	Percentile Rank	Pts Earned/ Eligible	Rating
CMAS - English	· · · · · · · · · · · · · · · · · · ·	222	68.9%	779.8	99	8/8	Exceeds
Language Arts	English Learners	n < 16	-	-	-	0/0	-
	Free/Reduced-Price Lunch Eligible	16	64.0%	773.8	99	1/1	Exceeds
	Minority Students	60	73.2%	781.7	99	1/1	Exceeds
	Students with Disabilities	n < 16	-	-	_	0/0	-
CMAS - Math	All Students	217	67.4%	760.4	98	8/8	Exceeds
-	English Learners	n < 16	-	-	-	0/0	-
	Free/Reduced-Price Lunch Eligible	n < 16	-	-	-	0/0	-
	Minority Students	59	72.0%	759.9	98	1/1	Exceeds
	Students with Disabilities	n < 16	-	-	-	0/0	-
CMAS - Science	All Students	98	58.7%	722.9	98	16 / 16	Exceeds
	English Learners	n < 16	-	-	-	0/0	-
	Free/Reduced-Price Lunch Eligible	n < 16	-	-	-	0/0	-
	Minority Students	27	61.4%	720.7	98	2/2	Exceeds
	Students with Disabilities	n < 16	-	-	-	0/0	-
CO PSAT -	All Students	221	93.6%	564.9	96	8/8	Exceeds
EVIDENCE-	English Learners	n < 16	-	-	-	0/0	-
BASED READING AND	Free/Reduced-Price Lunch Eligible	n < 16	-	-	-	0/0	-
WRITING AND	Minority Students	53	89.8%	562.6	96	1/1	Exceeds
	Students with Disabilities	18	94.7%	506.1	78	.75 / 1	Meets
CO PSAT -	All Students	221	93.6%	560.0	97	8/8	Exceeds
MATH	English Learners	n < 16	-	-	-	0/0	-
	Free/Reduced-Price Lunch Eligible	n < 16	-	-	-	0/0	-
	Minority Students	53	89.8%	557.4	97	1/1	Exceeds
	Students with Disabilities	18	94.7%	521.1	92	1/1	Exceeds
ΓΟΤΑL		*	*	*	*	56.75 / 57	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.



Level: High - (Multi-Year)

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

ACADEMIC (GROWTH				
Subject	Student Group	Count	Median Growth Percentile	Pts Earned/Eligible	Rating
CMAS - English	All Students	190	74.0	8/8	Exceeds
Language Arts	English Learners	n < 20	-	0/0	-
	Free/Reduced-Price Lunch Eligible	n < 20	-	0/0	-
	Minority Students	54	69.0	1/1	Exceeds
	Students with Disabilities	n < 20	-	0/0	-
CMAS - Math	All Students	120	67.0	8/8	Exceeds
	English Learners	n < 20	-	0/0	-
	Free/Reduced-Price Lunch Eligible	n < 20	-	0/0	-
	Minority Students	29	60.0	.75 / 1	Meets
	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 AND WRITING	Free/Reduced-Price Lunch Eligible	n < 20	-	0/0	-
AND WITHING	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		*	*	33.75 / 36	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.



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Level: High - (Multi-Year)

POSTSECON	DARY AND WORKFORCE	READI	NESS				
Subject	Student Group	Count	Best Rate	Rate/Score	Participation Rate	Pts 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	1,269	*	0.6%	*	3 / 4	Meets
Matriculation	All Students	79	*	75.9%	*	2/2	Exceeds
	2-Year Higher Education Institution	*	*	6.3%	*	*	-
	4-Year Higher Education Institution	*	*	64.6%	*	*	-
	Career & Technical Education	*	*	6.3%	*	*	-
Graduation	All Students	29	5yr	89.7%	*	3 / 4	Meets
	English Learners	n < 16	-	-	*	0/0	-
	Free/Reduced-Price Lunch Eligible	n < 16	-	-	*	0/0	-
	Minority Students	18	4yr	94.4%	*	.75 / 1	Meets
	Students with Disabilities	n < 16	-	-	*	0/0	-
TOTAL		*	*	*	*	12.75 / 15	Meets

REFERENCE TABLE: DISAGGREGATED GRADUATION RATES

or historical graduation data: http://www2.cde.state.co.us/schoolyiew/dish/schooldashboard.asi

Student Group	4-Year (AYG 2016)	5-Year (AYG 2015)	6-Year (AYG 2014)	7-Year (AYG 2013)	Best Rate
All Students	88.4%	89.7%	-	-	5yr
English Learners	-	-	-	-	-
Free/Reduced-Price Lunch Eligible	-	-	-	-	-
Minority Students	94.4%	-	-	-	4yr
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_faq_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 Gro				roup			
	see table below for actual values		E & M (and H	E & M (and H H ELA/EBRW		E & M (and H H ELA/EBRV				
	see tuble below for actual values		Science)	& Math	Science)	8 1	Math			
	at or above the 85th percentile	Exceeds	16	8	2.0		.00			
Academic Achievement	at or above the 50th percentile but below the 85th percentile	Meets	Meets 12 6		1.5 0.75		.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	0.5	0	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 Group				ELP				
	iviculari Growth i creentile was.		E & M	H E 8	ķΜ	Н	CLP			
Academic Growth	• at or above 65	Exceeds	16	8 2	2.0 1.00		-			
Academic Growth	at or above 50 but below 65	Meets	12	6 1	.5 0.	75	-			
	at or above 35 but below 50	Approaching	8	4 1	.0 0.	50	-			
	• below 35	Does Not Meet	4	2 0	.5 0.	25	-			
	Mean CO SAT Evidence-Based Reading and Writing (EBRW) scale score was	**:								
	• 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 Approaching 1.0									
	• below 462.3 Does Not Meet 0.5									
	Mean CO SAT Math scale score was**:									
	• at or above 543.4	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%	Exceeds	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%	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%	Meets	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 7-	All Students Each Disaggregated			Group					
	at or above 95.0%			4	1.00					
	• at or above 85.0% but below 95.0%	Meets		3	0.75					
	• at or above 75.0% but below 85.0%	above 75.0% but below 85.0% Approaching 2			0.50					
	• below 75.0%	Does Not Meet		1	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/Distr					
Achievement	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%			
	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						
Total Framework Points	District School		Accreditation Category/Plan Type			
	74.0%	not applicable	Accredited w/Distinction (District only)			
	56.0%	53.0%	Accredited (District) or Performance Plan (School)			
	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.