

2016 School Performance Framework

5259: STEM SCHOOL | 0900: DOUGLAS COUNTY RE 1

Level: EMH (1 YEAR) - VERSION A

Plan Type

Performance Plan: Low Participation^

86.3 / 100

John Irwin Award

This is the plan type the school is required to adopt and implement, which is based on the data associated with the version type indicated on the upper right-hand corner of this report. Please see the scoring guide at the end of this report for information on the data included with each version. Schools are assigned a plan type based on the overall percent of points earned. 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 more than one assessment will reduce the overall plan type by one level. Framework points are calculated using the percentage of points earned out of points eligible.

Indicator Rating Totals				
		Weighted Pts		
Performance Indicators	% Pts Earned	Earned/Pts Eligible	Rating	
Academic Achievement	94.9%	28.5 / 30	Exceeds	
Academic Growth	83.0%	33.2 / 40	Meets	
Postsecondary & Workforce Readiness	82.1%	24.6 / 30	Meets	

Assurance

Rating	
Meets 95%	

Accountability Participation Rate

Test Participation Ra	ates (Ratir	igs are b	ased on Accou	Intability	Рагпсірацов ка	ate)	
Subject	Total Records	Valid Scores	Participation Rate	Parent Excuses	Accountability Participation Rate**	Rating	
English Language Arts	1,011	751	74.3%	254	99.2%	Meets 95%	
Math	1,011	746	73.8%	259	99.2%	Meets 95%	
Science	423	313	74.0%	104	98.1%	Meets 95%	
COACT	75	75	100.0%	0	100.0%	Meets 95%	

Summary of Plan Types by EMH Level

This table shows the plan types by performance indicator and grade level, the number of points earned relative to the number of points eligible, the percentage of points earned, and the rating.

EMH Level	Performance Indicators	% Pts Earned	Weighted Pts Earned/Pts Eligible	Rating	Weighted % Pts Earned	Rating by EMH Level
Elementary	Academic Achievement	91.9%	36.8 / 40	Exceeds	82.60/	Performance Plan
	Academic Growth	76.4%	45.8 / 60	Meets	82.6%	renormance rian
Middle	Academic Achievement	93.5%	37.4 / 40	Exceeds	04.00/	Desferre and Dise
	Academic Growth	73.6%	44.2 / 60	Meets	81.6%	Performance Plan
High	Academic Achievement	100.0%	30 / 30	Exceeds		
	Academic Growth	100.0%	40 / 40	Exceeds	94.6%	Performance Plan
	Postsecondary & Workforce Readiness	82.1%	24.6 / 30	Meets		

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

(^) A rating with Low Participation indicates that the Participation Rate or Accountability Participation Rate for the school falls below 95% in more than one content area. (^^) 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%

Insufficient Data: No reportable data or only PWR data



2016 School Performance Framework

5259: STEM SCHOOL | 0900: DOUGLAS COUNTY RE 1

Level: Elementary (1 YEAR) - VERSION A

ACADEMIC	ACHIEVEMENT						
Subject	Student Group	Count	Participation Rate	Mean Scale Score	Percentile Rank	Pts Earned/ Eligible	Rating
English	All Students	289	82.4%	759.7	90	8 / 8	Exceeds
Language Arts	Previously Identified for READ Plan	n < 16	-	-	-	0/0	-
	English Learners	18	100.0%	756.4	86	1/1	Exceeds
	Free/Reduced-Price Lunch Eligible	17	89.5%	762.5	93	1/1	Exceeds
	Minority Students	91	93.8%	762.8	93	1/1	Exceeds
	Students with Disabilities	n < 16	-	-	-	0/0	-
Math	All Students	283	80.7%	752.5	86	8 / 8	Exceeds
	English Learners	18	100.0%	750.1	82	.75 / 1	Meets
	Free/Reduced-Price Lunch Eligible	16	84.2%	741.8	66	.75 / 1	Meets
	Minority Students	91	93.8%	759.5	94	1/1	Exceeds
	Students with Disabilities	n < 16	-	-	-	0/0	-
Science	All Students	103	96.3%	652.3	82	6/8	Meets
	English Learners	n < 16	-	-	-	0/0	-
	Free/Reduced-Price Lunch Eligible	n < 16	-	-	-	0/0	-
	Minority Students	27	96.4%	670.2	90	1/1	Exceeds
	Students with Disabilities	n < 16	-	-	-	0/0	-
TOTAL		*	*	*	*	28.5 / 31	Exceeds

ACADEMIC	GROWTH				
Subject	Student Group	Count	Median Growth Percentile	Pts Earned/Eligible	Rating
English	All Students	253	65.0	8 / 8	Exceeds
Language Arts	English Learners	n < 20	-	0 / 0	-
	Free/Reduced-Price Lunch Eligible	n < 20	-	0 / 0	-
	Minority Students	79	66.0	1/1	Exceeds
	Students with Disabilities	n < 20	-	0 / 0	-
Math	All Students	249	48.0	4 / 8	Approaching
	English Learners	n < 20	-	0 / 0	-
	Free/Reduced-Price Lunch Eligible	n < 20	-	0 / 0	-
	Minority Students	79	61.0	.75 / 1	Meets
	Students with Disabilities	n < 20	-	0 / 0	-
ELP (2015)	English Language Proficiency (ELP)	n < 20	-	0 / 0	-
TOTAL		*	*	13.75 / 18	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 2016 assessment results. Academic Growth: reflects the median student growth percentile for the identified student group based on 2016 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 2015-16, unless otherwise noted. For additional information, reference the scoring guide on the last page of this report.



2016 School Performance Framework

5259: STEM SCHOOL | 0900: DOUGLAS COUNTY RE 1

Level: Middle (1 YEAR) - VERSION A

ACADEMIC ACHIEVEMENT

			Participation	Mean Scale	Percentile	Pts Earned/	
Subject	Student Group	Count	Rate	Score	Rank	Eligible	Rating
English	All Students	341	68.6%	773.0	97	8 / 8	Exceeds
Language Arts	English Learners	n < 16	-	-	-	0/0	-
	Free/Reduced-Price Lunch Eligible	19	59.4%	748.9	71	.75 / 1	Meets
	Minority Students	88	73.6%	771.4	97	1/1	Exceeds
	Students with Disabilities	20	48.8%	731.0	28	.5 / 1	Approaching
Math	All Students	346	69.6%	747.9	87	8 / 8	Exceeds
	English Learners	n < 16	-	-	-	0/0	-
	Free/Reduced-Price Lunch Eligible	20	62.5%	732.5	53	.75 / 1	Meets
	Minority Students	89	74.4%	745.6	84	.75 / 1	Meets
	Students with Disabilities	21	51.2%	723.3	29	.5 / 1	Approaching
Science	All Students	172	73.2%	646.3	86	8 / 8	Exceeds
	English Learners	n < 16	-	-	-	0/0	-
	Free/Reduced-Price Lunch Eligible	n < 16	-	-	-	0/0	-
	Minority Students	46	78.0%	623.9	71	.75 / 1	Meets
	Students with Disabilities	n < 16	-	-	-	0/0	-
TOTAL		*	*	*	*	29/31	Exceeds

ACADEMIC GROWTH Pts Earned/Eligible Rating English All Students 311 65.0 8/8 Exceeds Language Arts English Learners n < 20 0/0 _ Free/Reduced-Price Lunch Eligible n < 20 0/0 **Minority Students** 82 63.5 .75/1 Meets Students with Disabilities n < 20 0/0 Math All Students 172 39.5 4/8 Approaching **English Learners** n < 20 0/0 _ Free/Reduced-Price Lunch Eligible 0/0 n < 20 **Minority Students** 43 40.0 .5/1 Approaching Students with Disabilities n < 20 0/0 -ELP (2015) English Language Proficiency (ELP) n < 20 _ 0/0 * * 13.25 / 18 TOTAL 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 2016 assessment results. Academic Growth: reflects the median student growth percentile for the identified student group based on 2016 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).

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5259: STEM SCHOOL | 0900: DOUGLAS COUNTY RE 1

Level: High (1 YEAR) - VERSION A

ACADEMIC	ACHIEVEMENT						
Subject	Student Group	Count	Participation Rate	Mean Scale Score	Percentile Rank	Pts Earned/ Eligible	Rating
English	All Students	115	74.2%	784.3	99	8 / 8	Exceeds
Language Arts		n < 16	-	-	-	0/0	-
	Free/Reduced-Price Lunch Eligible	n < 16	-	-	-	0/0	-
	Minority Students	28	80.0%	793.0	99	1/1	Exceeds
	Students with Disabilities	n < 16	-	-	-	0/0	-
Math	All Students	111	71.6%	759.6	97	8 / 8	Exceeds
	English Learners	n < 16	-	-	-	0/0	-
	Free/Reduced-Price Lunch Eligible	n < 16	-	-	-	0/0	-
	Minority Students	27	77.1%	756.7	96	1/1	Exceeds
	Students with Disabilities	n < 16	-	-	-	0/0	-
Science	All Students	37	46.3%	745.8	99	8 / 8	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		*	*	*	*	26 / 26	Exceeds

ACADEMIC	GROWTH				
Subject	Student Group	Count	Median Growth Percentile	Pts Earned/Eligible	Rating
English	All Students	102	76.5	8 / 8	Exceeds
Language Arts	English Learners	n < 20	-	0 / 0	-
	Free/Reduced-Price Lunch Eligible	n < 20	-	0 / 0	-
	Minority Students	24	78.0	1/1	Exceeds
	Students with Disabilities	n < 20	-	0 / 0	-
Math	All Students	70	70.0	8 / 8	Exceeds
	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	-
ELP (2015)	English Language Proficiency (ELP)	n < 20	-	0/0	-
TOTAL		*	*	17 / 17	Exceeds

This page displays the performance indicator data for the high 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 2016 assessment results. Academic Growth: reflects the median student growth percentile for the identified student group based on 2016 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 2015-16, unless otherwise noted. For additional information, reference the scoring guide on the last page of this report.



5259: STEM SCHOOL | 0900: DOUGLAS COUNTY RE 1

Level: High (1 YEAR) - VERSION A

POSTSECONDARY AND WORKFORCE READINESS

PUSTSECUN	IDARY AND WORKFORCE REAL	JINESS				
PWR Indicator	Student Group	Count	Best Rate	Rate/Score	Pts Earned/Eligible	Rating
Dropout	All Students	421	*	0.2%	4 / 4	Exceeds
COACT	All Students	75	*	24.8	4 / 4	Exceeds
Matriculation	All Students	24	*	62.5%	1.5 / 2	Meets
	2-Year Higher Education Institution	*	*	8.3%	*	-
	4-Year Higher Education Institution	*	*	54.2%	*	-
	Career & Technical Education	*	*	0.0%	*	-
Graduation	All Students	29	4yr	79.3%	2 / 4	Approaching
	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		*	*	*	11.5 / 14	Meets

REFERENCE TABLE: DISAGGREGATED GRADUATION RATES For historical graduation data: http://www2.cde.state.co.us/schoolview/dish/schoold

Student Group	Best Rate	4-Year (AYG 2015)	5-Year (AYG 2014)	6-Year (AYG 2013)	7-Year (AYG 2012)
All Students	4yr	79.3%	-	-	-
English Learners	-	-	-	-	-
Free/Reduced-Price Lunch Eligible	-	-	-	-	-
Minority Students	-	-	-	-	-
Students with Disabilities	-	-	-	-	-

Dropout Rates: reflects the percentage of students enrolled in grades 9-12 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 2015 end of year state submission reporting.

COACT: reflects the mean composite ACT score for the identified district; COACT was administered to all 11th grade students in Colorado. Per recent state decision, this assessment will be replaced by the Scholastic Achievement Test (SAT) for the 2016-17 school year.

Matriculation Rates: reflects all 2015 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 2015 graduates.

Anticipated Year of Graduation (AYG): when a student initially enters the ninth grade in the Colorado End of Year data collection system, an anticipated year of graduation is assigned for four years later.

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

Performance Indicator	Measure/Metric	Rating		Poi	nt Value	
	The district or school's mean scale score was (2016 baseline):		All			
	see table below for actual values		Students	Each	Disaggregated Group	
	at or above the 85th percentile of all schools in 2016	Exceeds	8		1.00	
	 below the 85th percentile but at or above the 50th percentile 	Meets	6		0.75	
Academic Achievement	below the 50th percentile but at or above the 15th percentile	Approaching	4		0.50	
	below the 15th percentile of all schools in 2016	Does Not Meet	2		0.25	
	Students Previously Identified for a READ Plan (bonus point)					
	Mean scale score at or above 725 (CMAS PARCC Level 3 cut)				1 bonus point	
	Median Growth Percentile was:		All Students	Disaggregated Group	English Language Proficiency	
Academic Growth	• at or above 65	Exceeds	8	1.00	4	
Academic Growth	 below 65 but at or above 50 	Meets	6	0.75	3	
	below 50 but at or above 35	Approaching	4	0.50	2	
	• below 35	Does Not Meet	2	0.25	1	
	Dropout Rate: The district or school dropout rate was (of all school	s in 2015):				
	• at or below 0.5%	Exceeds			4	
	 at or below 2.0% but above 0.5% 	Meets	3			
	 at or below 5.0% but above 2.0% 	Approaching			2	
	• above 5.0%	Does Not Meet			1	
	Average Colorado ACT Composite score was (using 2010 cut-scores):				
	• at or above 22.0	Exceeds			4	
	• at or above 20.0 but below 22.0	Meets			3	
	• at or above 17.0 but below 20.0	Approaching			2	
Postsecondary and	• below 17.0	Does Not Meet			1	
Workforce Readiness	Matriculation Rate (of all schools in 2015):					
workforce kedulliess	 at or above the 85th percentile (73.1%) 	Exceeds			2.0	
	• below the 85th percentile (73.1%) but at or above the 50th	Meets			1.5	
	• below the 50th percentile (59.3%) but at or above the 15th	Approaching		1.0		
	below the 15th percentile (41.1%)	Does Not Meet			0.5	
	Graduation Rate and Disaggregated Graduation Rate (Best of 4-, 5-, 6-, or 7-year):		All Students	Each	Disaggregated Group	
	• at or above 95.0%	Exceeds	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%	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 2016 school baseline CMAS Science, CMAS PARCC and DLM data.

Mean Scale Score by Percentile Cut-Points - 1-year (2016 school baseline)

	English Language Arts			Mathematics				Science				
Percentile	Elem	Middle	High	All	Elem	Middle	High	All	Elem	Middle	High	All
15th percentile	722.3	724.1	724.6	723.1	719.1	716.5	717.3	718.2	531.9	527.7	564.4	538.7
50th percentile	739.5	740.1	739.6	739.6	734.3	731.2	729.8	732.9	601.7	591.4	609.2	600.2
85th percentile	755.9	757.3	753.3	754.9	751.9	746.2	746.0	749.3	655.9	643.3	651.3	652.7

Cut-Points for Each Performance Indicator

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

Total Possible Points by Indicator				
Indicator	Total Possible Points per EMH Level	Elementary/Middle	High/District	
Achievement	36 total points (8 for each subject for all students and 4 for each	40%	30%	
	subject by disaggregated groups)	40%		
Growth	28 total points (8 for each subject for all students and 4 for each		40%	
	subject by disaggregated groups) and 4 for English language	60%		
	proficiency			
Postsorondary Roadiness	18 total points (4 for each sub-indicator except 8 for graduation,	not applicable	30%	
	and 2 for matriculation)	not applicable		

Cut-Points for Plan/Category Type Assignment						
	District	School	Plan Type/Category 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% 34.0% 34.0%		Accredited w/Improvement Plan (District) or Improvement Plan (School)			
			Accr. w/Priority Improvement Plan (District) or Priority Improvement (School)			
	25.0%	25.0%	Accredited w/Turnaround Plan(District) or Turnaround Plan (School)			

Version and Corresponding Data Utilized in Framework						
Version & Included Data	Version A	Default one year calculations reported by individual EMH levels				
	Version B	One year achievement and growth calculations combined across EMH levels with one year PWR calculations				
	Version C	One year achievement and growth calculations reported by individual EMH levels with three year PWR calculations				
	Version D	One year achievement and growth calculations combined across EMH levels with three year PWR calculations				

September 30, 2016