Improvement Plan

This is the plan type the school is required to adopt and implement. Schools are assigned a plan based on their overall framework score, which is a percentage of the total points they earned out of the total points eligible in each performance indicator. The overall score is then matched to the scoring guide below to determine the plan type.

Plan Assignment	Framework Points Earned
Performance	at or above 60%
Improvement	at or above 47% - below 60%
Priority Improvement	at or above 33% - below 47%
Turnaround	below 33%

Framework points are calculated using the percentage of points earned out of points eligible. For schools with data on all indicators, the total points possible are: 15 points for Academic Achievement, 35 for Academic Growth, 15 for Academic Growth Gaps, and 35 for Postsecondary and Workforce Readiness.

Performance Indicators	Rating/Plan	% of Points Earned out of Points Eligible*	
Academic Achievement	Does Not Meet	31.3%	(4.7 out of 15 points)
Academic Growth	Approaching	58.3%	(20.4 out of 35 points)
Academic Growth Gaps	Approaching	51.7%	(7.8 out of 15 points)
Postsecondary and Workforce Readiness	Approaching	58.3%	(20.4 out of 35 points)
Test Participation**	95% Participation Rate Met		
TOTAL		53.3%	(53.3 out of 100 points)

* Schools may not be eligible for all possible points on an indicator due to insufficient numbers of students. In these cases, the points are removed from both the points earned and the points eligible, so scores are not negatively impacted.

** Schools do not receive points for test participation. However, schools that do not meet the 95% participation rate in two or more subject areas are assigned a plan type one category lower than their points indicate.

What do the performance indicators measure?

Academic Achievement

The Achievement Indicator reflects how a school's students are doing at meeting the state's proficiency goal: the percentage of students proficient or advanced on Colorado's standardized assessments. This Indicator includes results from CSAP and CSAPA (Reading, Writing, Math and Science), and Lectura and Escritura.

Academic Growth

The Growth Indicator measures academic progress using the Colorado Growth Model. This Indicator reflects 1) normative growth: how the academic progress of the students in this school compared to that of other students statewide with a similar CSAP score history in that subject area, and 2) adequate growth: whether this level of growth was sufficient for the typical (median) student in this school to reach an achievement level of proficient or advanced on the CSAP within three years or by 10th grade, whichever comes first.

Academic Growth Gaps

The Gaps Indicator measures the academic progress of historically disadvantaged student subgroups and students needing to catch up. It disaggregates the Growth Indicator into student subgroups, and reflects their normative and adequate growth. The subgroups include students eligible for Free/Reduced Lunch, minority students, students with disabilities (IEP status), English Language Learners, and students needing to catch up.

Postsecondary and Workforce Readiness

The Postsecondary and Workforce Readiness Indicator measures the preparedness of students for college or jobs upon completing high school. This Indicator reflects student graduation rates, dropout rates, and average Colorado ACT composite scores.

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*** Data in this report is based on results from: 2009-10,2008-09,2007-08
Final plan type based on: 3 Year SPF report.

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School: SIERRA HIGH SCHOOL - 7882   **(3 Year***)**

Academic Achievement	Points Earned	Points Eligible	% Points	Rating	N	% Proficient/Advanced	School's Percentile
Reading	1	4		Does Not Meet	1411	51.2%	11
Mathematics	1	4		Does Not Meet	1414	12.9%	14
Writing	2	4		Approaching	1413	31.9%	17
Science	1	4		Does Not Meet	709	27.8%	14
Total	**5**	**16**	**31.3%**	**Does Not Meet**			

Academic Growth	Points Earned	Points Eligible	% Points	Rating	N	Median Growth Percentile	Median Adequate Growth Percentile	Made Adequate Growth?
Reading	3	4		Meets	1268	45	39	Yes
Mathematics	2	4		Approaching	1271	40	99	No
Writing	2	4		Approaching	1272	47	77	No
Total	**7**	**12**	**58.3%**	**Approaching**				

Academic Growth Gaps	Points Earned	Points Eligible	% Points	Rating	Subgroup N	Subgroup Median Growth Percentile	Subgroup Median Adequate Growth Percentile	Made Adequate Growth?
Reading	11	20	55.0%	Approaching				
Free/Reduced Lunch Eligible	2	4		Approaching	840	44	46	No
Minority Students	3	4		Meets	1000	45	41	Yes
Students w/ Disabilities	2	4		Approaching	120	48	98	No
English Language Learners	2	4		Approaching	179	51	75	No
Students needing to catch up	2	4		Approaching	614	46	80	No
Mathematics	10	20	50.0%	Approaching				
Free/Reduced Lunch Eligible	2	4		Approaching	843	42	99	No
Minority Students	1	4		Does Not Meet	1001	39	99	No
Students w/ Disabilities	3	4		Meets	121	59	99	No
English Language Learners	2	4		Approaching	180	45	99	No
Students needing to catch up	2	4		Approaching	991	43	99	No
Writing	10	20	50.0%	Approaching				
Free/Reduced Lunch Eligible	2	4		Approaching	843	46	81	No
Minority Students	2	4		Approaching	1000	47	77	No
Students w/ Disabilities	2	4		Approaching	122	43	99	No
English Language Learners	2	4		Approaching	178	54	94	No
Students needing to catch up	2	4		Approaching	800	49	94	No
Total	**31**	**60**	**51.7%**	**Approaching**				

Postsecondary and Workforce Readiness	Points Earned	Points Eligible	% Points	Rating	N	Rate/Score	Minimum State Expectation
Graduation Rate	2	4		Approaching	859	79.9%	80%
Dropout Rate	3	4		Meets	4597	3.0%	At/below State average
Colorado ACT Composite	2	4		Approaching	679	17.2%	At/above State average
Total	**7**	**12**	**58.3%**	**Approaching**			

Test Participation	% of Students Tested	Rating	Students Tested	Total Students
Reading	98.9%	95% Participation Rate Met	1535	1552
Mathematics	99.0%	95% Participation Rate Met	1537	1553
Writing	98.9%	95% Participation Rate Met	1538	1555
Science	98.1%	95% Participation Rate Met	770	785
Colorado ACT	97.7%	95% Participation Rate Met	679	695

Counts are not reported when they do not meet minimum N requirements for a metric.

Scoring Guide for Performance Indicators on the School Performance Framework Report

Performance Indicator	Scoring Guide	Rating	Point Value	Total Possible	Framework Points
Academic Achievement	The school's percentage of students scoring proficient or advanced was:			16 (4 for each content area)	15
	• at or above the 90th percentile of all schools.	Exceeds	4		
	• below the 90th percentile but at or above the 50th percentile of all schools.	Meets	3		
	• below the 50th percentile but at or above the 15th percentile of all schools.	Approaching	2		
	• below the 15th percentile of all schools.	Does Not Meet	1		
Academic Growth	If the school meets the median adequate student growth percentile and its median student growth percentile was:			12 (4 for each content area)	35
	• at or above 60.	Exceeds	4		
	• below 60 but at or above 45.	Meets	3		
	• below 45 but at or above 30.	Approaching	2		
	• below 30.	Does Not Meet	1		
	If the school does not meet the median adequate student growth percentile and its median student growth percentile was:				
	• at or above 70.	Exceeds	4		
	• below 70 but at or above 55.	Meets	3		
	• below 55 but at or above 40.	Approaching	2		
	• below 40.	Does Not Meet	1		
Academic Growth Gaps	If the student subgroup meets the median adequate student growth percentile and its student growth percentile was:			60 (5 for each subgroup group in 3 content areas)	15
	• at or above 60.	Exceeds	4		
	• below 60 but at or above 45.	Meets	3		
	• below 45 but at or above 30.	Approaching	2		
	• below 30.	Does Not Meet	1		
	If the student subgroup does not meet the median adequate student growth percentile and its student growth percentile was:				
	• at or above 70.	Exceeds	4		
	• below 70 but at or above 55.	Meets	3		
	• below 55 but at or above 40.	Approaching	2		
	• below 40.	Does Not Meet	1		
Postsecondary and Workforce Readiness	Graduation Rate: The school's graduation rate was:			12 (4 for each sub-indicator)	35
	• at or above 90%.	Exceeds	4		
	• above 80% but below 90%.	Meets	3		
	• at or above 65% but below 80%	Approaching	2		
	• below 65%.	Does Not Meet	1		
	Dropout Rate: The school's dropout rate was:				
	• at or below 1%.	Exceeds	4		
	• at or below the state average but above 1%.	Meets	3		
	• at or below 10% but above the state average.	Approaching	2		
	• at or above 10%.	Does Not Meet	1		
	Average Colorado ACT Composite: The school's average Colorado ACT composite score was:				
	• at or above 22.	Exceeds	4		
	• at or above the state average but below 22.	Meets	3		
	• at or above 17 but below the state average.	Approaching	2		
	• at or below 17.	Does Not Meet	1		

Cut-Points for each performance indicator

	Cut Point: The school earned … of the points eligible on this Indicator.	
Achievement; Growth; Gaps; Postsecondary	• 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

Cut-Points for plan type assignment

	Cut Point: The school earned … of the total Framework points eligible.	
Total Framework Points	• at or above 60%	Performance
	• at or above 47% - below 60%	Improvement
	• at or above 33% - below 47%	Priority Improvement
	• below 33%	Turnaround

School plan type assignments

	Plan description	
Performance Plan	The school is required to adopt and implement a Performance Plan.	A school may not implement a Priority Improvement and/or Turnaround Plan for longer than a combined total of five consecutive years before the District or Institute is required to restructure or close the school. The five consecutive school years commences on July 1 during the summer immediately following the fall in which the school is notified that it is required to implement a Priority Improvement or Turnaround Plan.
Improvement Plan	The school is required to adopt and implement an Improvement Plan.	
Priority Improvement Plan	The school is required to adopt and implement a Priority Improvement Plan.	
Turnaround Plan	The school is required to adopt and implement a Turnaround Plan.	

Reference

Comparison Data

Academic Achievement

Percent of Students Proficient or Advanced by Percentile Cut-Points - 1-year (2010)

	Reading			Math			Writing			Science		
	Elem	Middle	High	Elem	Middle	High	Elem	Middle	High	Elem	Middle	High
N of Schools	1008	479	327	1007	480	327	1007	480	327	912	407	286
15th percentile	49.2	50.4	54.9	48.6	29.7	16.0	32.5	35.0	31.0	19.7	23.8	27.5
50th percentile	71.6	71.4	73.3	70.9	52.5	33.5	53.5	57.8	50.0	47.5	48.0	50.0
90th percentile	89.1	88.2	87.2	89.3	75.0	54.8	76.8	79.7	72.2	76.0	75.1	72.4

Percent of Students Proficient or Advanced by Percentile Cut-Points - 3-year aggregate (2008-10)

	Reading			Math			Writing			Science		
	Elem	Middle	High	Elem	Middle	High	Elem	Middle	High	Elem	Middle	High
N of Schools	1032	507	362	1032	507	361	1032	507	362	972	469	347
15th percentile	50.0	50.6	53.3	48.7	29.7	13.5	32.6	36.8	30.0	20.5	25.0	27.9
50th percentile	72.0	71.4	72.2	70.1	51.6	30.5	54.8	58.3	49.6	45.4	48.7	50.0
90th percentile	88.2	87.4	86.2	87.5	74.4	52.2	76.5	79.2	71.0	72.6	71.3	71.5

Academic Growth and Academic Growth Gaps

Decision tree to determine which scoring guide to use for Academic Growth and Academic Growth Gaps

Postsecondary and Workforce Readiness

State Average (Mean) Dropout Rate

	N of Students	Mean Dropout Rate
1-year (2009)	416,953	3.6
3-year (2007-09)	1,238,096	3.9

State Average (Mean) Colorado ACT Composite Score

	N of Students	Mean Score
1-year (2010)	51,438	20.0
3-year (2008-10)	151,439	20.1

1-year vs. 3-year report

Schools receive a 1-year and a 3-year aggregated School Performance Framework report. CDE produces a report on the basis of three years of data to enable more schools to be consideredwithin the same performance framework. Some small schools may not have public data on the basis of a single year because of small N counts for some performance indicator metrics, but a report on the basis of three years of data increases the N count.

Only one of the two sets of results (1-year or 3-year) is the one that will be the official plan type assignment for the school: the one under which the school has ratings on a higher number of the performance indicators, or, if it has ratings for an equal number of indicators, the one under which it received a higher total number of points. Note that some 3-year reports may be based on only two years of data if that is the only data available. The years of data included in a report are indicated on page 1.