

Appendix A

Scale Score Ranges

**CMAS Mathematics
Overall Scale Score Ranges**

Grade Level/Content	Does Not Yet Meet	Partially Met Expectations	Approached Expectations	Met Expectations	Exceeded Expectations
	Level 1	Level 2	Level 3	Level 4	Level 5
Grade 3	650-699	700-724	725-749	750-789	790-850
Grade 4				750-795	796-850
Grade 5				750-789	790-850
Grade 6				750-787	788-850
Grade 7				750-785	786-850
Grade 8				750-800	801-850

**CMAS English Language Arts/Literacy
Overall Scale Score Ranges**

Grade Level	Does Not Yet Meet	Partially Met Expectations	Approached Expectations	Met Expectations	Exceeded Expectations
	Level 1	Level 2	Level 3	Level 4	Level 5
Grade 3	650-699	700-724	725-749	750-809	810-850
Grade 4				750-789	790-850
Grade 5				750-798	799-850
Grade 6				750-789	790-850
Grade 7				750-784	785-850
Grade 8				750-793	794-850

**Colorado Spanish Language Arts
Overall Scale Score Ranges**

Grade Level	Does Not Yet Meet	Partially Met Expectations	Approached Expectations	Met Expectations	Exceeded Expectations
	Level 1	Level 2	Level 3	Level 4	Level 5
Grade 3	650-699	700-724	725-749	750-778	779-850
Grade 4				750-771	772-850

**CMAS Science
Overall Scale Score Ranges**

Grade Level	Partially Met Expectations	Approached Expectations	Met Expectations	Exceeded Expectations
	Level 1	Level 2	Level 3	Level 4
Grade 5	650-724	725-749	750-788	789-850
Grade 8	650-724	725-749	750-796	797-850
Grade 11	650-724	725-749	750-786	787-850

**CMAS Science
2023 Content Standards Performance Indicator Ranges***

Grade Level	Physical Science	Life Science	Earth and Space Science	Science and Engineering Practices
Grade 5	441-519	440-522	446-519	448-517
Grade 8	444-515	440-516	442-516	447-514
Grade 11	442-511	441-512	440-512	447-509

* At the content standards level there are performance indicators based on the overall state performance. These levels are not for accountability use and are not set in relation to the content or the overall performance levels. The cut scores are set using one standard deviation around the mean scale score for the state. They change from year to year. Students within this range have “average” performance compared to the state. Students with scores below this range scored “lower than average” in this area and students above the range scored “higher than average”.

**CoAlt Science
Overall Scale Score Ranges**

Grade Level	Emerging	Approaching Target	At Target	Advanced
	Level 1	Level 2	Level 3	Level 4
Grade 5	150-224	225-249	250-272	273-350
Grade 8	150-224	225-249	250-276	277-350
Grade 11	150-224	225-249	250-276	277-350