

# **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  
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	300-545	546-649	650-770	771-900
Grade 8	300-555	556-651	652-784	785-900
High School	300-542	543-672	673-773	774-900

**CMAS Science  
2019 Content Standards Performance Indicator Ranges\***

Grade Level	Physical Science	Life Science	Earth Systems Science	Scientific Inquiry and Nature of Science
Grade 5	475-725	481-722	482-722	479-721
Grade 8	444-715	439-714	440-716	441-718
High School	436-697	447-696	432-701	410-703

**CMAS Social Studies  
Overall Scale Score Ranges**

Grade Level	Partially Met Expectations	Approached Expectations	Met Expectations	Exceeded Expectations
	Level 1	Level 2	Level 3	Level 4
Grade 4	300-556	557-698	699-792	793-900
Grade 7	300-591	592-700	701-769	770-900

**CMAS Social Studies  
2019 Content Standards Performance Indicator Ranges\***

Grade Level	History	Geography	Economics	Civics
Grade 4	461-751	489-741	486-744	449-750
Grade 7	447-720	443-720	451-726	458-722

\*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 “Typical” performance for the state. Students with scores below this range have a “Potential Relative Weakness” in this area and students above the range have a “Potential Relative Strength”.

**CoAlt Science  
Overall Scale Score Ranges**

Grade Level	Emerging	Approaching Target	At Target	Advanced
	Level 1	Level 2	Level 3	Level 4
Grade 5	0-134	135-159	160-183	184-250
Grade 8	0-127	128-163	164-189	190-250
High School	0-139	140-163	164-192	193-250

**CoAlt Social Studies  
Overall Scale Score Ranges**

Grade Level	Emerging	Approaching Target	At Target	Advanced
	Level 1	Level 2	Level 3	Level 4
Grade 4	0-142	143-162	163-187	188-250
Grade 7	0-133	134-162	163-190	191-250