

Transitional Colorado Assessment Program (TCAP)

Assessment Objectives without Explicit Colorado Academic Standards Alignment Mathematics

Some assessment objectives or parts of assessment objectives are not contained within the Colorado Academic Standards (CAS) or have been moved to higher grade levels, but will continue to be assessed by the TCAP. The concepts from these objectives are reflected below.

Please keep in mind that the below represents only those assessment objectives without CAS alignment. Please refer to the grade specific frameworks for the entire set of TCAP assessment objectives for each grade level.

Grade 3 Mathematics	Relevant Assessment Objective(s)
Working with numbers beyond 1,000 (from 0 to 9,999)	1.2a; 1.2c
Probability	3.3a
Identifying congruent figures	4.1a
Symmetry	4.1b
Temperature	5.2a
Money notation	6.2b

Grade 4 Mathematics	Relevant Assessment Objective(s)
Geometric patterns	2.1b
Using graphs to display algebraic patterns	2.2a; 2.2b
How change in one quantity affects change in another	2.4a
Probability	3.3a; 3.3b
Combinations and arrangements of elements of sets	3.4a
Congruence	4.1a
Temperature	5.1b; 5.2a; 5.4a; 5.5a

Grade 5 Mathematics	Relevant Assessment Objective(s)
Percents	1.4a
Geometric patterns	2.1a
Median and mode	3.2a
Probability	3.5a; 3.6a
Congruence	4.2b

Grade 6 Mathematics	Relevant Assessment Objective(s)
Divisibility as a characteristic of numbers	1.3b
Conversions between fractions, decimals and percents	1.4a
Constant rate	2.4a

Line and circle graphs	3.1a; 3.1b; 3.4a
Probability	3.6a; 3.6b; 3.6c
Analysis and description of three dimensional figures	4.2a
Congruence	4.6a
Temperature	5.1b

Grade 7 Mathematics	Relevant Assessment Objective(s)
Understand the meaning of the words "constant rate"	2.3a
Stem and leaf plots, circle graphs and scatter plots	3.1a; 3.1b; 3.2a; 3.4a
Three dimensional figures	4.2a
Similar shapes	4.3a
Congruence	4.6a
Creating a situation that matches a given number sentence	6.4c

Grade 8 Mathematics	Relevant Assessment Objective(s)
stem and leaf plots	3.1a
Three-dimensional figures	4.2a

Grade 9 Mathematics	Relevant Assessment Objective(s)
Understand the meaning of the words "relative error"	5.2a

Grade 10 Mathematics	Relevant Assessment Objective(s)
Recognizing and categorizing types of distributions	3.4b
Using mean and standard deviation to determine the relative position of data points on a normal distribution	3.4c
Describing cylinders, cones and spheres that result from the rotation of rectangles, triangles and semi-circles	4.1d