ST. VRAIN VALLEY SCHOOLS
academic excellence by design

Preschool Mathematics
Year at a Glance
2013-2014

Course Description:

In Preschool, instructional time should focus on four critical areas: (1) developing the concepts of quantity, counting, and numbers; (2) recognizing basic shapes and their properties; (3) sorting objects based on attributes; and (4) comparing objects through non-standard measurement. These concepts and associated skills are aligned with the Colorado Academic Standards for mathematics, incorporating 21st century skills and postsecondary and workforce readiness competencies.

Mathematics
Grade Level Expectations at a Glance

Standard	Grade Level Expectation
Preschool	
1. Number Sense, Properties, and Operations	1. Quantities can be represented and counted
2. Patterns, Functions, and Algebraic Structures	There are no grade level expectations at this grade.
3. Data Analysis, Statistics, and Probability	There are no grade level expectations at this grade.
4. Shape, Dimension, and Geometric Relationships	1. Shapes can be observed in the world and described in relation to one another 2. Measurement is used to compare objects

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1st Trimester	
CO Code	Evidence Outcome
4.1.a	Match and name basic shapes found in the natural environment
4.2.a	Describe the order of common events
4.1.a	Sort, group and name basic shapes found in the natural environment
4.1.b	Sort similar groups of objects into simple categories based on attributes
4.1.c	Use words to describe attributes of objects
4.2.c	Sort coins by physical attributes such as color or size (PFL).

2nd Trimester	
CO Code	Evidence Outcome
4.1.d	Follow directions to arrange, order, or position objects
4.2.b	Group objects according to their size using standard and non-standard forms (height, weight, length, or color brightness) of measurement
GOLD 21b.6	Recognizes basic shapes when they are presented in a new orientation

3rd Trimester	
CO Code	Evidence Outcome
1.1.a	Count and represent objects including coins to 10 (PFL)
1.1.b	Match a quantity to a numeral