New York State Next Generation Mathematics Learning Standards

This document is intended to help educators identify the key changes that have occurred to the content standards for this grade level/course and to assist with designing curriculum and lessons aligned to the NYS Next Generation Mathematics Learning Standards. This document does not contain the comprehensive list of learning standards for the grade level/course. The complete list of standards for the grade level/course can be found at NYS Next Generation Mathematics Learning Standards.

Pre-Kindergarten Snapshot

Standards **New** to Pre-Kindergarten

No new standards.

Standards **Moved** from Pre-Kindergarten

PK.CC. 3c Understand that each successive number name refers to a quantity that is one larger. This is a Kindergarten standard (NY-K.CC.4c).

Highlights/Instructional Considerations

NY-PK.CC. 2 Students are not expected to write the numerals 0-5. They may alternatively select the corresponding number card.

NY-PK.CC. 3b Students are exploring and developing the concept of cardinality. Language has changed from understand to explore. Explore requires that the student learn the concept in the standard through a variety of instructional activities. Repeated experiences with these concepts, with immersion in the concrete, are vital. Explore indicates that the topic is an important concept that builds the foundation for progression toward mastery in later grades. However, mastery at the current level is not expected.

NY-PK.OA. 1 Explore addition and subtraction by using objects, fingers, and responding to real world situations. Language has changed from demonstrate to explore.

NY-PK.MD.2 Sorting now also involves shapes. This can be linked to standard NY-PK.G.2 and NY-PK.G.3.

NY-PK.G.3 Students are exploring the similarities, differences and other attributes of two and three-dimensional objects, as a pre-cursor to the Kindergarten standard NY-K.G.4. Focus should be on geometrical attributes that make the shapes similar and different. Standard falls under a modified cluster heading, which now reads "*Explore and create two and three-dimensional objects.*"