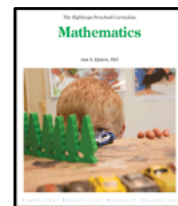


Overview for EPK HighScope Math Scope and Sequence

At the start of the year, teachers focus on setting up their learning environment in a way that supports children’s math development. Chapter 2 of The HighScope Preschool Curriculum, Mathematics, supports teachers in selecting materials for each of the learning areas.



Teachers follow the **Math Time Line** (Tab 4) as a guide throughout the year.

For planning Small Group Time in the fall, teachers will utilize the chart **Math Small Group Activities by Content Area** (Tabs 5 & 6). These lessons are taken from the book *Lesson Plans for the First 30 Days, Numbers Plus Preschool Mathematics Curriculum Kit*, and other HighScope sources.



- This document is an alignment of the NYS Early Learning Guidelines, HighScope COR Advantage, and HighScope KDIs by Content Area.
- The colors in the chart align with the content tabs in the 2016 edition of the HighScope Numbers Plus kit. On the back of each Numbers Plus card, you will begin by looking at the “Earlier” developmental descriptors under “Scaffolding Learning at Each Developmental Level.”
- For each lesson on the “EPK Math Small Group Activities by Content Area,” the color-coding indicates the content area(s) where teachers should be observing and taking anecdotes.

Teachers can use the **Mathematical Developmental Continuum** (Tab 7) in conjunction with COR Advantage to support differentiated lesson plans.

- The **Mathematical Developmental Continuum** was designed using information from the following resources: HighScope COR Advantage, NYS Early Learning Guidelines, HighScope KDIs, RCSD Math Stage Cards, (developed in 1996) and the Common Core Curriculum Map in Mathematics (draft.)
- It identifies the mathematics milestones from beginning development to the kindergarten entry point.
- The COR Advantage levels are identified on the chart, i.e. S-0, S-1. The detailed COR Advantage Scoring Guide for the content area follows each section.
- The goal for teachers will be to move children along the continuum, which aligns with the kindergarten entry point.

The **Math Resource Guide for the Daily Routine** (Tab 8) can be used to infuse math into all the components of the Daily Routine.