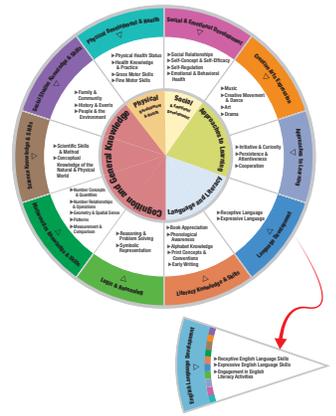


# THE HEAD START CHILD DEVELOPMENT AND EARLY LEARNING FRAMEWORK

## MATHEMATICS KNOWLEDGE AND SKILLS: PATTERNS



### RESOURCES: HIGHLIGHTS FROM ECLKC

TITLE OF RESOURCE	TYPE OF RESOURCE	DESCRIPTION
<a href="#">Where's the Math (Webcast #1) Pattern Counting Lesson – En Español</a>	Video and Lesson	Teaching teams and parents and families can use this strategy to help children develop basic counting skills and improve their ability to follow directions.
<a href="#">Patterns (Webcast #5)</a>	Videos and Lessons	Teaching teams can use these five videos and lessons to support understanding of geometry and spatial sense. Each lesson explains what happened before, during, and after the lesson. The lessons include patterns song, repeating patterns, growing patterns, number patterns, and Mrs. McTats and her houseful of cats.
<a href="#">Patterns: Algebra in the early years</a>	Article	Children can learn concepts of algebra's major components.

### REFERENCES FOR EVIDENCE-BASED PRACTICES

Papic, M., Mulligan, J. T., & Mitchelmore, M. C. (2011). Assessing the development of preschoolers' mathematical patterning. *Journal for Research in Mathematics Education*, 42(3), 237-268.

