

Unit/Topic Title: **What Is a Numeral? & Patterns, Again**

Trimester: **3<sup>rd</sup>**

Estimated Time (When): **April** (Includes time for reteaching and enrichment)

<b>Standard(s)</b>	
1. Number Sense, Properties, and Operations	
<b>Prepared Graduates</b>	
➤ Understand quantity through estimation, precision, order of magnitude, and comparison. The reasonableness of answers relies on the ability to judge appropriateness, compare, estimate, and analyze error	
<b>Grade Level Expectation: Preschool</b>	
<b>Concepts and skills students master:</b>	
<ul style="list-style-type: none"> <li>Quantities can be represented and counted (1.1)</li> </ul>	
<b>Evidence Outcomes</b>	<b>21<sup>st</sup> Century Skills and Readiness Competencies</b>
<b>Students can:</b> <ul style="list-style-type: none"> <li>Match a quantity to a numeral (1.1.b)</li> </ul>	<b>Inquiry Questions:</b> <ul style="list-style-type: none"> <li>What do numbers tell us?</li> <li>Is there a biggest number?</li> </ul>
<b>Introductory concepts/outcomes:</b> <ul style="list-style-type: none"> <li>Uses multiples of the same unit to measure; uses numbers to compare; knows the purpose of standard measuring tools (GOLD 22.6) (Introductory for Kindergarten)</li> </ul>	<b>Relevance and Application:</b> <ul style="list-style-type: none"> <li>Counting helps people to determine how many such as how big a family is, how many pets there are, such as how many members in one's family, how many mice on the picture book page, how many counting bears in the cup.</li> </ul>
	<b>Nature of Mathematics:</b> <ul style="list-style-type: none"> <li>Numbers are used to count and order objects.</li> <li>Mathematicians reason abstractly and quantitatively. (MP)</li> <li>Mathematicians attend to precision. (MP)</li> </ul>
<b>Essential Vocabulary</b>	
<ul style="list-style-type: none"> <li>➤ Mastery: numeral</li> <li>➤ Introductory: ruler, measuring tape, level, scale/balance, thermometer, measuring cups/spoons, about, nearly, almost, close to</li> </ul>	

**Assessments**

- Teaching Strategies GOLD™
  - 20. Uses number concepts and operations
    - 20c. Connects numerals with their quantities
      - 6. Identifies numerals to *10* by name and connects each to counted objects
  - 22. Compares and measures
    - 6. Uses multiples of the same unit to measure; uses numbers to compare; knows the purpose of standard measuring tools

**Instructional Resources**

- Teaching Strategies GOLD™ online activity bank; The Creative Curriculum System
- Mastery: *The Creative Curriculum for Preschool, Volume 4, Mathematics* (Chapter 21, Pg. 741-747, 764-771, Chapters 22 & 24)