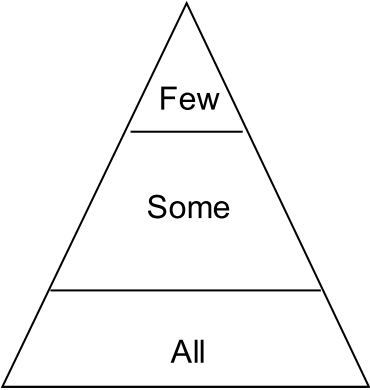


**SEDOL CURRICULUM FRAMEWORK – MATH - Early Childhood and Stage A**

<b>TIMELINE: 3rd Quarter</b>	<b>Algebra</b>
<b>LEARNING STANDARDS</b>	8.A Describe numerical relationships using variables and patterns. 8.D Use algebraic concepts and procedures to represent and solve problems.
<b>ESSENTIAL QUESTION</b>	How do you recognize a pattern?
<p align="center"><b>UNDERSTANDING / SKILLS</b></p> 	<p>Few students will:</p> <ul style="list-style-type: none"> <li>Group sets by 2 or more common attributes (e.g., big or little circles)</li> <li>Create an ABC pattern</li> <li>Notice patterns in a variety of contexts</li> <li>Identify what is missing in a pattern</li> <li>Find the missing number up to 10</li> <li>Create a simple growing pattern (e.g., plus one pattern “Ants go marching 1 by 1”)</li> </ul> <p>Some students will:</p> <ul style="list-style-type: none"> <li>Describe the attributes of a given group</li> <li>Group sets by one attribute (e.g., color, shape)</li> <li>Continue an AB pattern</li> <li>Continue an ABC pattern</li> <li>Predict what comes next in songs and rhymes that have patterned and repetitive language</li> <li>Recognize simple growing patterns (e.g., plus one pattern “Ants go marching 1 by 1”)</li> <li>Sort into two groups by one attribute with assistance</li> <li>Match objects by attributes</li> </ul> <p>All students will:</p> <ul style="list-style-type: none"> <li>Be exposed to songs and rhymes that have patterned and repetitive language</li> <li>Be exposed to movement patterns (e.g., up or down)</li> <li>Participate with support in activities involving simple growing patterns (e.g., plus one pattern “Ants go marching 1 by 1”)</li> </ul>
<b>ACADEMIC VOCABULARY</b>	Pattern - repeated design or recurring sequence; an arrangement of objects or values following a specific rule Symbol - a shape that represents a quantity, value, or word
<b>BEST PRACTICES</b>	Creative Curriculum, direct teaching, repetition in varying environments

<b>TOOLS</b>	Please refer to your discipline specific SEDOL Technology Steps
<b>ASSESSMENT EVIDENCE</b>	SEDOL Childhood Checklist, Creative Curriculum Assessment