

## DOMAIN 1: APPROACHES TO LEARNING AND COGNITIVE DEVELOPMENT

### SUB-DOMAIN: COGNITION AND COGNITIVE PROCESSES

#### REASONING AND LOGIC/CRITICAL AND ANALYTIC THINKING

#### GOAL 13: CHILDREN BUILD KNOWLEDGE USING COMPARISON, CONTRASTS, EXAMINATION, AND EVALUATION.

Age Range	Developmental Growth	Child Indicators	Caregiver Strategies
<p><b>16 to 38 Months</b></p>	<p>Observes and reacts to similarities and differences in people, places, and situations.</p>	<ul style="list-style-type: none"> <li>▪ Makes choices between two possibilities (e.g. which shirt to wear, which toy to play with, or which book to read first), though may renege on the choice.</li> <li>▪ Repeatedly examines novel items until habituated to the characteristics of the item.</li> <li>▪ Generalizes ideas based on past experiences (e.g. watches caregiver blow on hot food before eating, and then blows on food, hot or cold, at next meal).</li> <li>▪ Connects objects and ideas (e.g. broom for sweeping, swimsuit for swimming, or paint brush for painting on the easel).</li> <li>▪ Imitates behavior seen in another place and time such as pretending to take orders for food, making variations to fit props or people.</li> <li>▪ Notices and describes how items are the same or different.</li> <li>▪ Uses action or words to show notice of changes in familiar things, places, or people.</li> <li>▪ Recognizes and points out novel characteristics or peculiarities of places and people.</li> <li>▪ Identifies differences between own and others' work.</li> <li>▪ Explores paint to learn about the properties of art, not necessarily to make a painting (e.g. mixing colors, smearing hands and fingers with paint, perhaps tasting the paint, and manipulating paint brushes and paper).</li> </ul>	<ul style="list-style-type: none"> <li>▪ Use child's home language, experience, and culture to make connections to new experiences and vocabulary.</li> <li>▪ Engage child in routine activities while explaining the whys (e.g. "We vacuum the floor to clean up the dirt.&gt;").</li> <li>▪ Help child make generalizations (e.g. "If it is sunny here, it will probably be sunny at school.&gt;").</li> <li>▪ Acknowledge child when a past event is recalled and used as the basis for a choice.</li> <li>▪ Provide opportunities to explore solid objects, blocks, wheel toys, and manipulatives.</li> <li>▪ Provide sensory exploration and supervised "messy" play with sand, water, paint, clay).</li> <li>▪ Demonstrate, explain, and engage child in comparing objects' size, shape, and other characteristics.</li> <li>▪ Demonstrate, explain, and engage child in discussing what he/she likes and does not like about experiences.</li> <li>▪ Take pictures of yesterdays' block constructions, and use that one to compare to the one they did earlier.</li> <li>▪ Go on trips to gardens, forests, around the block, or to a park. Look for different and similar plants or houses, or play structures. Talk about their characteristics.</li> <li>▪ Note how children's written names are same and different.</li> </ul>