

**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>60 Months through Kindergarten</b></p>	<p>Examines and evaluates problems and situations to reach conclusions.</p>	<ul style="list-style-type: none"> <li>▪ Restates a situation or problem in own words.</li> <li>▪ Recognizes written words as ways to document ideas and communicate solutions.</li> <li>▪ Tries a variety of solutions until satisfied with outcomes.</li> <li>▪ Uses and defines attributes and characteristics of objects including shapes, squares, rectangles, circles, ovals, triangles, and relative positions (e.g. above, below, beside, in front of, behind, and inside).</li> <li>▪ Analyzes and compares two and three-dimensional shapes.</li> <li>▪ Organizes objects by more than one common characteristic.</li> <li>▪ Uses comparative words.</li> <li>▪ Constructs viable arguments and critiques the reasoning of others.</li> <li>▪ Poses "what if" questions and problems.</li> <li>▪ Describe measurable attributes of objects, such as length or weight.</li> <li>▪ Directly compare two objects with a measurable attribute in common, to see which object has "more of"/"less of" the attributes.</li> <li>▪ Compares the main characters or events of stories.</li> <li>▪ Describes experiences using comparative</li> </ul>	<ul style="list-style-type: none"> <li>▪ Engage the child in activities and interactions that use known strategies in new situations.</li> <li>▪ Demonstrate, explain, and engage child in activities that explore questions and guide him/her toward appropriate solutions.</li> <li>▪ Invite child to expand on what he/she meant by a certain response (e.g. "Tell me more about why you said that?").</li> <li>▪ Engage child in discussing what he/she thinks another child meant by a given response (e.g. "Why do you think Josie did that?").</li> <li>▪ Offer time for a child to evaluate pros and cons of a decision, looking at what worked and what might have gone differently had another choice been made.</li> <li>▪ Brainstorm possible actions and solutions with children. Document the possibilities and revisit that document when a solution is achieved.</li> </ul>

		language. <ul style="list-style-type: none"><li>▪ Considers peers' perspectives when making decisions.</li><li>▪ Explains how he/she makes decisions.</li></ul>	
--	--	---	--