|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Cognition** | **Exploration and Discovery** | **Memory** | **Reasoning and Problem-Solving** | **Emergent Mathematical Thinking** | **Imitation and Symbolic Representation and Play** |
| **Birth to 9 Months** | Applies senses and actions to explore immediate environment  TSG 11 | Recognizes familiar people, surroundings, and objects  TSG 12a | Repeats actions to achieve a specific goal such as working toward objects  TSG 11b, c | Explores and observes objects when they move  TSG 11a, b, c | Begins to imitate actions of others.  TSG 12a |
| **8 to 18 Months** | Purposely explores and manipulates objects to obtain similar results  TSG 11 | Recalls actions of familiar adults, objects, and parts of daily routines.  TSG 12a, b | Persistently explores difference possibilities until accomplishing a result  TSG 11b, c, d | Understands positions related to direction such as in, on, up, down. Understands basic quantity such as more or all gone.  TSG 20b, 21a | Imitates actions of others and of everyday experiences  TSG 12, 14b |
| **16 to 36 Months** | Experiments and predicts outcomes of action or events  TSG 11 | Anticipates and communicates the sequence of personal routines and experiences.  TSG 12a, b, 13 | Uses of variety of actions and problem-solving skills to figure out solutions to everyday problems.  TSG 11b, c, d | Begins to count and understand concepts of one or more. Begins to match based on single characteristics.  TSG 20, 22, 23 | Uses objects to pretend such as object to ear as phone or block as cars, etc.  TSG 14 |