

Developmental Milestones: Cognitive/Mathematics

Child places and matches simple objects to their outlines

These observations involve the following developmental skills:

- Fine motor skills
- Self-confidence
- Spatial awareness
- Thinking, reasoning & problem-solving
- Building math foundations
- Reading/handwriting development

Developmental Milestones: Cognitive/Mathematics

Child understands things/objects that are alike and different

These observations involve the following developmental skills:

- Thinking, reasoning & problem-solving
- Building math foundations (discriminating size, matching objects)
- Visual discrimination
- Self-confidence
- Classifying and categorizing

Developmental Milestones: Cognitive/Mathematics

Child groups objects together by color

These observations involve the following developmental skills:

- Sorting & classifying
- Thinking, reasoning & problem-solving
- Language & communication
- Visual discrimination
- Fine motor ability
- Self-confidence

Developmental Milestones: Cognitive/Mathematics

Child groups objects together by size

These observations involve the following developmental skills:

- Sorting & classifying
- Thinking, reasoning & problem-solving
- Language & communication
- Visual discrimination
- Fine motor ability
- Self-confidence

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Child groups objects together by shape

These observations involve the following developmental skills:

- Sorting & classifying
- Thinking, reasoning & problem-solving
- Language & communication
- Visual discrimination
- Fine motor ability
- Self-confidence

Developmental Milestones: Cognitive/Mathematics

Child can nestle cups sequentially

These observations involve the following developmental skills:

- Spatial awareness
- Hand dexterity and strength
- Fine motor control
- Thinking, reasoning, problem-solving
- Self-confidence

Developmental Milestones: Cognitive/Mathematics

Child is beginning rational counting

These observations involve the following developmental skills:

- Number equivalency
- Spatial awareness
- One to one correspondence
- Early concepts of mathematics
- Number sense
- Self-confidence

Developmental Milestones: Cognitive/Mathematics

Child shows an interest in and may identify shapes

These observations involve the following developmental skills:

- Visual discrimination
- Mathematic vocabulary development
- Self-confidence
- Memorization

Developmental Milestones: Cognitive/Mathematics

Child understands different activities go on at different times of the day

These observations involve the following developmental skills:

- Recalling information; memorization
- Understanding of routine
- Receptive & expressive language
- Self-confidence
- Learning the concept of time

Developmental Milestones: Cognitive/Mathematics

Child begins to understand positional terms (in, on, beside, under, etc.)

These observations involve the following developmental skills:

- Thinking, reasoning & problem-solving
- Language & communication
- Visual discrimination
- Spatial awareness
- Self-confidence

Developmental Milestones: Cognitive/Mathematics

Child is beginning rote counting

These observations involve the following developmental skills:

- Understanding of numeracy & number names
- Memorization
- Self-confidence
- Mathematical sequencing