

## FINE MOTOR/VISUAL MOTOR DEVELOPMENT

### 0–2 months

- Moves arms symmetrically
- Shows grasp reflex
- Responds to different light intensities

### 1–3½ months

- Shows asymmetrical reach
- Brings hands to midline in supine
- Attempts to reach towards object
- Recognizes hands
- Begins vertical tracking downward, often loses object

### 2–4 months

- Grasps toy actively

### 3–5 months

- Has ulnar palmar grasp – wrist flexed with no thumb involvement
- Exhibits inhibited grasp reflex
- Shows bilateral symmetrical reach
- Moves head to track a moving object
- Shows prolonged looking at objects at midline
- Looks for lost object outside visual field

### 4–5 months

- Demonstrates palmar grasp – using all fingers, thumb not opposed
- Begins to move hand under visual control

### 5–7 months

- Has raking grasp
- Transfers object from one hand to the other
- Has radial palmar grasp
- Under reaches, adjusts, and obtains
- Exhibits accidental release
- Tracks vertically and diagonally with jerky eye movements

### 7–10 months

- Exhibits inferior pincer grasp
- Exhibits radial digital grasp
- Exhibits three-jaw chuck grasp
- Exhibits lateral pinch
- Drops object into large container opening

- Controls wrist and fingers with arm extended
- Demonstrates object permanence

### 10–12 months

- Exhibits neat pincher grasp
- Bangs two objects together
- Shows development of supinated grasp
- Reaches overhead in sitting position
- Manipulates an object with one hand while the other stabilizes

### 15 months

- Places objects in and out of container with small opening
- Points with index finger

### 18 months

- Builds three-block tower
- Puts peg in 1” hole
- Turns pages two to three at a time
- Scribbles spontaneously

### 3 years

- Builds nine-block tower
- Assists with one hand
- Screws lid on jar
- Places ten pellets in bottle (30 seconds)
- Grasps with extended wrist and thumb opposition
- Turns doorknob with forearm rotation
- Imitates building cube bridge
- Snips with scissors

### 3–4 years

- Exhibits definite hand preference
- Begins to color
- Copies circle, imitates a cross
- Traces diamond, angles rounded
- Draws designs without detail
- Begins to cut with scissors on wide lines
- Throws ball overhead
- Catches large ball with arms
- Scribbles with intense spots of color
- Completes shape formboards and simple puzzles

## FINE MOTOR/VISUAL MOTOR DEVELOPMENT

### 4–5 years

- Exhibits dominant hand is established
- Shows finger isolation
- Traces simple designs and mazes
- Copies cross and square
- Colors within lines
- Draws simple picture of person
- Cuts straight or simple curved lines
- Cuts circle and square
- Catches ball using hands and arms

### 5–6 years

- Copies diagonal lines and triangle
- Prints name
- Begins to form letters
- Colors small area of detail
- Draws detailed pictures of person
- Draws designs with detail
- Cuts convex and concave shapes
- Shows controlled tracking skills in vertical, horizontal, circular, and diagonally (no head movement)

### 6–7 years

- Uses a mature pattern when manipulating a writing instrument (movements generated from fingers)
- Copies letters (still some inverted or reversed)
- Writes upper and lower case letters with differences in sizes and limited spacing
- Shows mature figure-ground skills
- Shows body awareness has been established

### 7–9 years

- Writes more neatly and legibly spaced
- Begins cursive writing
- Exhibits position in space development complete
- Shows directional concepts