FINE MOTOR/VISUAL MOTOR DEVELOPMENT

0–2 months
• Moves arms symmetrically
• Shows grasp reflex
• Responds to different light intensities
• Controls wrist and fingers with arm extended
• Demonstrates object permanence

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

15 months
• Places objects in and out of container with small opening
• Points with index finger

4–5 months
• Demonstrates palmar grasp – using all fingers, thumb not opposed
• Begins to move hand under visual control

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

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

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

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
• 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

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

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

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
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• Completes shape formboards and simple puzzles
<table>
<thead>
<tr>
<th>Age Range</th>
<th>Skills</th>
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| 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 designs and mazes  
- Cuts straight or simple curved lines  
- Cuts circle and square  
- Catches ball using hands and arms |
| 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 |
| 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) |
| 7–9 years | - Writes more neatly and legibly spaced  
- Begins cursive writing  
- Exhibits position in space development complete  
- Shows directional concepts |