

RELEASE

The following is the developmental sequence of release.

0–9 months

- Drops objects

9 months

- Releases against another surface

10 months

- Exhibits crude release, systematic dropping (voluntary)

11 months

- Releases large objects with ease, clumsy
- Releases small objects

12 months

- Exhibits smooth voluntary release of large objects
- Exhibits crude but voluntary release of small objects

15 months

- Exhibits voluntary smooth controlled release of all objects

GRASP

The following is the developmental sequence of grasp.

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| 12 weeks | Reflexive, ulnar side strongest |
| 16 weeks | Ulnar side weakening |
| 20 weeks | Primitive squeeze; no thumb or palm involved; raking |
| 24 weeks | Palmar; no thumb participation |
| 28 weeks | Radial palmar; whole hand grasp, thumb adducted |
| 32 weeks | Scissors, thumb abducted to side curled index finger |
| 36 weeks | Radial digital, thumb opposed to end of fingers |
| 40 weeks | Inferior finger, thumb moves toward dip joint of index finger; other fingers inhibited |
| 44 weeks | Neat pincer, with slight wrist extension |
| 52 weeks | Opposed grasp |
| 3–4 years | Static tripod posture; pencil grasped proximally; crude approximation of thumb, index, and middle fingers; continual adjustments by other hand; ring and little fingers only slightly flexed, no fine, localized movements of components |
| 4–6 years | Dynamic tripod posture; pencil grasped distally; precise opposition of distal phalanges of thumb, index, and middle fingers; ring and little fingers flexed to form stable arch; metal-carpal joints stabilized during fine localized movements of interphalangeal joints Lateral prehension; key or card held between pad of thumb and lateral surface of index near dip joint Spherical grasp; ball or door knob grasped with flexion at all finger joints, hand cupped over object Cylindrical grasp; small jar or large peg |

These ages are approximations and may vary when other resources are used. This is not designed to be a complete description at each age level. Use as a quick reference.