

Typical Visual Development		
At birth:		Corneal reflex to touch; pupils react to light; rudimentary fixation; acuity estimated at about 20/400
1-3 months:	1 mo.	Regards faces
	2 mo.	Eyes fixate, converge, and focus; follows vertical movements; prefers faces to complex patterns; attends to objects up to 6 feet away; becomes aware of bright lights (stares) and colors (yellow, orange red)
	3 mo.	Eye movements become smoother; glances at 1" object; anticipates feeding via visual stimulus
3-5 months:	4 mo.	Hand regard (15 weeks); eyes begin to shift focus; recognizes familiar faces (smiles); visually explores new environment; follows objects past midline; capable of horizontal, vertical, circular eye movements, though may still be somewhat uncoordinated; unsuccessful reach for dangling object; regards object in hand, and mouths
	5 mo.	Eye-hand coordination developed and successful; gazes at objects close to eyes; can fixate at 3' and then shift gaze to near point
5-7 months:	6 mo.	Eye movements coordinated and smooth; shifts visual attention easily; recognizes faces up to 6' away; form discrimination emerges; transfers object from hand to hand with visual monitoring; may anticipate position of falling object; fixates where object has disappeared; acuity approximately 20/200
	7 mo.	Manipulates objects; acuity near normal; depth perception developing
7-11 months:	7-8 mo.	Turns object in hand and explores visually
	9-10 mo.	Can see tiny (2-3mm) objects nearby; observes facial expressions and tries to imitate; looks for object seen hidden; visually alert to new objects, persons, places; vision monitors hand and body movements
12 months:		Far and near acuity good; binocular vision stronger; has focus and accommodation; depth perception good; discriminates geometric forms; scribbles spontaneously; vision monitors movement in space
12-18 months:		Vertical orientation (walking; building block towers); matches identical objects; points to pictures in a book; scribbles vertically, horizontally, and in circular motions; identifies forms
18-24 months:		Inspects objects visually (alone); imitates movements of others; increased visual memory; all optical skills smooth; matches color and form
3 years:		Matches simple forms (form board); can do simple puzzles; can draw crude circle; places 1" peg in holes
4 years:		Discriminates size (matching); good depth perception (accurate); discriminates length of lines; copies cross; discriminates most forms; eye-hand coordination precise
5 years:		Picks up and releases objects precisely; colors; cuts; pastes; gross motor control better than fine; can draw a square; nests blocks with visual judgment; perceives detail in pictures