

## Developmental Progression of Visual Behaviors

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### **Premies:**

- Look longer at visual stimuli for processing
- Do not demonstrate a response to novel patterns
- Do not visually recognize object that was handled
- Longer latency in reaching for toys
- Less interest in novel toys
- Less visual exploration

### **Newborns;**

- Spontaneous orientation towards soft light
- Blinks in response to bright light
- Track slowly moving objects horizontally
- Eye movements together or separate
- Prefers patterns to non-patterns
- 1/6 inch line on white board at 1 foot
- Can visually capture slowly moving face, object, light source, high contrast pattern

### **One Month:**

- Watches parent closely
- Orients to faces and picture of high contrast
- Follows up to 90 degrees
- May stare at ceiling fan

### **Two Months:**

- Begins to be able to see an object as one image
- Follows light, faces, objects
- Watches parent at distance
- Deliberate shift of gaze
- Watches hands
- Tracks horizontally and vertically

### **Three Months:**

- Eye contact coupled with increased limb movements
- Prefers watching people more than objects
- Brings toy into visual field
- Attends to movement of people and objects at five feet

#### **Four to Six Months:**

- Shows interest in mirror image
- Responds actively to bottle in distance
- Reaches in response to visual input
- Visually inspects environment
- Observes toy falling
- Converges on hands
- Regards items as small as raisins and cheerios
- Has full color vision, may show preference for color
- Picks up a toy that is dropped
- Accurate accommodation up to five feet

#### **6-12 Months:**

- Attempts to touch or pick up objects in pictures
- Follows direction of partner's gaze
- Attends to two inch toy at 10 inches
- Picks up toys less than  $\frac{1}{4}$  inch
- Attends to 1.25 mm at 10 inches
- Notices objects in cup
- Pokes holes

#### **12-18 Months**

- Points to objects in sky or out window
- Attend to pictures in books
- Grasps objects 1-2 mm at 12-16 inch

#### **18 months to 3 years:**

- Interested in scribbling
- Matches a few colors
- Releases objects less than an inch into openings less than  $\frac{1}{2}$  inch
- Matches object of 2-3 inches at ten feet
- Matches simple pictures
- Demonstrates understanding of closure in pictures
- Attends to 2.5 mm at 20 feet