

## NORMAL DEVELOPMENT IN CHILDREN

	VISION AND MANIPULATION	HEARING AND SPEECH	GROSS MOTOR	SOCIAL BEHAVIOUR	FEEDING
<b>BIRTH</b>	<ul style="list-style-type: none"> <li>- Follow moving objects with eyes.</li> <li>- Range 45 degrees</li> <li>8 - 10 inches away.</li> <li>- Hands remain closed.</li> <li>(Involuntary grasp reflex).</li> </ul>	<ul style="list-style-type: none"> <li>- When baby is not crying they will respond to loud noises.</li> <li>- When the baby is crying they will quieten to a noise.</li> </ul>	<ul style="list-style-type: none"> <li>- New born babies have no head control.</li> <li>- Head will flop backwards when laid down.</li> <li>- Head is to one side when laid on its tummy and knees under abdomen.</li> </ul>	<ul style="list-style-type: none"> <li>- New born babies spend most of the day sleeping.</li> </ul>	
<b>6 WEEKS</b>	<ul style="list-style-type: none"> <li>- At 6 weeks a baby can focus and follow an object.</li> <li>- They watch their mothers intently, when she speaks.</li> </ul>	<ul style="list-style-type: none"> <li>- May be startled by loud noises.</li> </ul>	<ul style="list-style-type: none"> <li>- Is beginning to gain head control when pulled from lying down to sitting position.</li> <li>- The head no longer flops backwards.</li> </ul>	<ul style="list-style-type: none"> <li>- Will smile at familiar and unfamiliar people.</li> <li>- May begin to vocalise ie respond to speech by making sounds.</li> </ul>	
<b>3 MONTHS</b>	<ul style="list-style-type: none"> <li>- A baby will follow with its eyes a moving toy, that is held in front of them through 180 degrees.</li> <li>- They will hold hands in front of face and observe them.</li> <li>- Holds a rattle momentarily when it is placed in the hand.</li> </ul>	<ul style="list-style-type: none"> <li>- A baby will babble when spoken to.</li> </ul>	<ul style="list-style-type: none"> <li>- When laid on its tummy the baby is able to lift its head up and bear its weight on its forearms.</li> <li>- The head is held up mostly when the baby is supported in a sitting position</li> </ul>	<ul style="list-style-type: none"> <li>- Recognises mother</li> <li>- Squeals with pleasure and becomes excited when given a toy.</li> </ul>	<ul style="list-style-type: none"> <li>- Feeding, winding, and settling at 3 to 4 hourly intervals by day.</li> <li>- To some extent by night are normal requirements of a health baby.</li> <li>- Night feed is usually dropped at this age.</li> </ul>
<b>6 TO 8 MONTHS</b>	<ul style="list-style-type: none"> <li>- Can grasp objects and enjoys playing with hands held in front.</li> <li>- Will drop an object when another is handed to them.</li> <li>- Can follow objects with their eyes and can also reach for them</li> </ul>	<ul style="list-style-type: none"> <li>- Can respond to sound from behind.</li> <li>- Will use their voice to babble. i.e. They will make different tuneful noises such as baba, dada.</li> </ul>	<ul style="list-style-type: none"> <li>- Child is able to sit unsupported.</li> <li>- When held upright can support own weight to some extent.</li> <li>- Can roll over when laid down on the stomach to back, and vice a versa.</li> </ul>	<ul style="list-style-type: none"> <li>- Responsive to familiar people and apprehensive to unfamiliar people.</li> <li>- Will talk using babble to familiar people.</li> <li>- In a safe situation a baby can play on its own.</li> </ul>	<ul style="list-style-type: none"> <li>- Can drink from a cup / finger feed / chew and therefore eat solids.</li> </ul>
<b>9 TO 12 MONTHS</b>	<ul style="list-style-type: none"> <li>- Can reach for and grasp toys and enjoys feeding self with his fingers.</li> <li>- Can bring fingers and thumb together to pick up objects i.e. a piece of string.</li> <li>- Index finger protrudes as the baby goes for the object.</li> <li>- Will respond to simple vision testing eg. Stycar rolling balls.</li> </ul>	<ul style="list-style-type: none"> <li>- The baby is beginning to have meaningful babble.</li> <li>- May have one or two recognisable words.</li> <li>- Will turn on hearing own name.</li> </ul>	<ul style="list-style-type: none"> <li>- Can crawl and can often walk.</li> <li>- Some children will bottom shuffle instead of crawling, often these children are slow to walk than the children who crawl.</li> </ul>	<ul style="list-style-type: none"> <li>- Child is wary of unfamiliar adults.</li> <li>- Can feed self and drink from cup.</li> <li>- Wave bye-bye, plays pat-a-cake and peek-a-boo, and can also play for long periods of time.</li> <li>- Enjoys dropping objects on the floor if there is someone to pick the objects up.</li> <li>- Responds to "NO".</li> </ul>	
<b>15 MONTHS</b>	<ul style="list-style-type: none"> <li>- Builds a tower with two bricks</li> </ul>	<ul style="list-style-type: none"> <li>- Has a lot of jargon speech.</li> </ul>	<ul style="list-style-type: none"> <li>- Can get to standing position without support.</li> <li>- Can creep upstairs.</li> </ul>	<ul style="list-style-type: none"> <li>- Asks for objects by pointing.</li> <li>- Displays negative behaviour.</li> <li>- Begins to tell parent about wet pants.</li> </ul>	

## **NORMAL DEVELOPMENT IN CHILDREN**

<b>CONTINUED...</b>	<b>VISION AND MANIPULATION</b>	<b>HEARING AND SPEECH</b>	<b>GROSS MOTOR</b>	<b>SOCIAL BEHAVIOUR</b>	<b>FEEDING</b>
<b>2 YEARS</b>	<ul style="list-style-type: none"> <li>- Turns pages singly.</li> <li>- Copies a vertical stroke with a pencil with fist as opposed to the tripod grasp of an adult.</li> <li>- Cooperates with a simple vision test. eg. Stycar toy test.</li> </ul>	<ul style="list-style-type: none"> <li>- Obeys four simple commands. eg. "Take it to Mummy."</li> <li>- Able to speak in small sentences and uses the words, " I, Me, You. " appropriately.</li> </ul>	<ul style="list-style-type: none"> <li>- Walks backwards in imitation.</li> <li>- Is able to go up and down stairs using two feet per stair.</li> </ul>	<ul style="list-style-type: none"> <li>- Becomes more amenable to adult control.</li> <li>- Often remains dry at night if lifted late in the evenings.</li> </ul>	
<b>2 YEARS 6 MONTHS</b>	<ul style="list-style-type: none"> <li>- Can build a tower of 6 bricks.</li> <li>- Holds pen with hand instead of in a fist.</li> </ul>	<ul style="list-style-type: none"> <li>- Knows his/her full name</li> <li>- Can name one colour</li> <li>- Can name 5 common objects eg. doggie, car.</li> </ul>	<ul style="list-style-type: none"> <li>- Is able to walk on tiptoe when asked.</li> </ul>	<ul style="list-style-type: none"> <li>- Climbs onto the toilet seat.</li> <li>- Attends toilet needs without help, except for wiping.</li> </ul>	
<b>3 YEARS</b>	<ul style="list-style-type: none"> <li>- Cooperates with Stycar vision testing ie matches letters on cards which are shown to him by the examiner.</li> <li>- Develops a tripod grasp of a pencil.</li> <li>- Can build a tower of 8 bricks and can build a bridge with 3 bricks.</li> </ul>	<ul style="list-style-type: none"> <li>- Cooperates with a formal hearing test. i.e. will put pegs in a peg board in response to a quite noise.</li> <li>- Has a wide vocabulary of several hundred words.</li> </ul>	<ul style="list-style-type: none"> <li>- Child is a skilful climber.</li> <li>- Can ride a bike with stabilisers.</li> <li>- Can run, kick, and attempt to catch a ball.</li> <li>- Goes up stairs one foot per step and goes down stairs two steps at a time.</li> <li>- Can jump from the bottom step.</li> <li>- Can stand on one foot for a few seconds.</li> </ul>	<ul style="list-style-type: none"> <li>- Is sociable, friendly and helpful.</li> <li>- Joins in with other children to play.</li> <li>- Can recite rhymes.</li> <li>- Knows own sex.</li> <li>- Is toilet trained by day, and in most cases by night.</li> </ul>	
<b>4 TO 5 YEARS</b>	<ul style="list-style-type: none"> <li>- Is able to cooperate with vision testing.</li> <li>- Is skilful with a pencil and is able to draw recognisable pictures.</li> <li>- Can copy a circle, square, and triangle.</li> <li>- Can write own name.</li> <li>- Read simple words.</li> <li>- "Handedness" exhibits itself at around 4 years.</li> </ul>	<ul style="list-style-type: none"> <li>- Can often participate in a formal hearing test.</li> <li>- Responds to a noise of a known type and volume played to through headphones (Audiometry).</li> <li>- Has a wide vocabulary.</li> <li>- Can sing tunefully.</li> </ul>	<ul style="list-style-type: none"> <li>- Can hop, skip, jump, etc skilfully.</li> </ul>	<ul style="list-style-type: none"> <li>- Can dress, undress, wash, and bathe with supervision.</li> </ul>	
<b>6 YEARS</b>	<ul style="list-style-type: none"> <li>- Copies a diamond.</li> <li>- Can draw an accurate picture of a person usually (mummy or daddy).</li> <li>- Knows right from left.</li> <li>- Can repeat five digits.</li> </ul>	<ul style="list-style-type: none"> <li>- Is able to name the days of the week, and name 4 coins.</li> <li>- Can count to more than 10 objects which are not in a row.</li> <li>- Can cooperate fully with audiometrical testing.</li> </ul>	<ul style="list-style-type: none"> <li>- Is able to ride a two wheeled bicycle.</li> </ul>	<ul style="list-style-type: none"> <li>- Is able to undress, dress, wash and bathe independently.</li> </ul>	

## NORMAL DEVELOPMENT IN CHILDREN

TABLE XX.2

### PRINCIPAL CARE NEEDS : HEALTHY CHILDREN AGED 3 MONTHS AND TO 18 MONTHS

<b>AGE RANGE 3 TO 8 MONTHS</b>	<ul style="list-style-type: none"><li>- Development of investigative skills and problem solving abilities increase, with mobility skills. - This can put a healthy child at risk of danger.</li><li>- The level of required supervision to avoid danger is quite considerable for a healthy child.</li></ul>	
<b>AGE RANGE 9 TO 18 MONTHS</b>	<ul style="list-style-type: none"><li>- The need for close supervision and control of the environment between the ages of 12 to 18 months continues.</li><li>- There is a rapid development of mobility and the associated skills.</li><li>- As the child becomes more independent in feeding and pay attention requirements will decrease.</li></ul>	