Molteno Developmental Scale

Dev Age	GROSS MOTOR	FINE MOTOR-ADAPTIVE	COMMUNICATION	PERSONAL-SOCIAL
	1. Lifts head when prone.	1. Follows to midline.	1. Startles to sound.	1. Watches mother when feeding.
	2. Supported sitting - head vertical	2. Hands to mouth as voluntary act.	2. Throaty sounds.	2. Sucks well.
	3. Supine - symmetrical lie.	3. Follows past midline	3. Cries when hungry.	3. Smiles at mother.
	4. Prone - elbow support.	4. Fingers one hand with other when lying quietly.	4. Vowel sounds.	4. Enjoys bath.
		5. Follows through 180 degrees	5. Coos, chuckles, squeals.	5. Excited when sees bottle.
			6. Initiates vocalisation.	6. Obvious pleasure at being handled.
3m	5. Pull to sit - no head lag.	6. 4-part sequence - reach, grasp, retrieve mouth	7. Giggles and laughs.	7. Tries to hold bottle.
	6. Rolls from prone to supine.	7. Crumples paper.	8. Combines sounds e.g. ah-goo	8. Friendly towards strangers.
	7. Rolls from supine to prone.	8. Grasps ring.	9. Object permanences - looks after dropped object.	9. Holds bottle.
	8. Prone - extended arm support.	9. Grasps ring, mouth and transfer.	10. Makes "m" sound.	10. Chews solids.
		10. Shakes, waves and bangs object		11. Smiles, pats mirror image.
6m	9. Sits alone - a few seconds.	11. Retains only 1 cube in hand at a time.	11. Responds when called.	12. Drinks from a cup.
	10. Prone - pivots in circle using arms.	12. Grasps ring by the string.	12. Shouts for attention.	13. Plays peek-a-boo (Waar's jy)
	11. Sits alone- 1 minute.	13. Retains 1 cube in each hand.	13.Combines syllables e.g. ba-ba, ma-ma.	14. Holds and eats a biscuit.
	12. Pulls up to stand.	14. Mouthing exploratory (not obligatory)	14. Waves bye-bye.	15. Stranger anxiety.
	13. Crawls.	15. Removes pegman from car.	15. Babbles tunefully.	
			16. Says mama, dada.	
9m	14. Sitting - can recover toy behind him.	16. Clicks 2 cubes together.	17. Object permanences - finds cube under cover.	16. Pulls off hat.
	15. Creeps - like a bear.	17. Throws objects.	18. Shakes head for 'no'	17. Pushes arm into sleeve.
	16. Cruises around furniture.	18. Thumb (index finger) opposition	19. One word with meaning.	18. Deliberate casting.
	17. Stands at furniture - lifts one foot at a time.	19. Holds car and "explores" with index finger.	20. 2-3 words with meaning (including Mama, Dada)	19. Finger feeds.
	18. Walks with one hand held.	20. Replaces pegman.	21. Imitates 1 or 2 words.	20. Holds spoon.
	19. Walks alone - 10 steps (high guard)	21. Simple formboard - replaces large circle.	22. Where's Daddy? Looks at father.	
		22. Retains 3 cubes.	23. Jabbers with expression.	
12m	20. Walks - reciprocal arm movements.	23. Retains 4 cubes.	24. Definition by use (uses telephone and spoon).	21. Uses spoon - spills most.
	21. Walks backwards.	24. Simple formboard - replaces both circles.	25. Uses 5 words (other than Mama, Dada).	22. Pulls off socks.
		25. 2 cube tower.		23. Domestic mimicry.

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15m	22. Throws a ball. 23. Kicks a ball.	26. 3-4 cube tower 27. Complete simple formboard with reversal (trial and error)	26. Points to 1 picture (names 8 cards) 27. Points to 1 body part. 28. 2-word utterances.	24. Uses spoon - spills very little. 25. Pulls up pants. 26. Indicates wet/dirty nappy.
18m	Climbs on and off adult-sized chair without help. 25. Jumps off step - 2 feet together. 26. Stands on 1 (either) leg briefly.	28. 3 piece formboard - 2 shapes in. 29. Simple formboard with reversal. 30. 3 piece formboard - replaces shapes. 31. 6 cube tower and train.	29. Points to 3 body parts. 30. Names 6 familiar objects. 31. Points to 5 body parts. 32. Uses pronouns - I, you, me. 33. Combines 3 words.	27. Handles cup well. 28. Sits on parents' knee and looks at books. 29. Clean and dry by day. 30. Jealous of other children.
2 yrs	27. Pedals tricycle. 28. Up stairs 1 foot per step, down 2 feet per step.	32. 3-piece formboard with reversal (trial and error) 33. Train with chimney. 34. 3 piece formboard with reversal (no trial and erro) 35. Copies 0. 36. 9 cube tower and bridge.	34. Names 5 picture cards. 35. Names 10 picture cards 36. Digit repetition (3).	31. Parallel play. 32. Washes and dries hands. 33. Dresses - needs help with buttons. 34. Dry at night.
3 yrs.	29. Hops on 1 (either) foot - 2-5 times. 30. Stands on 1 leg 10 seconds.	37. Coloured formboard 3 out of 5. 38. Copies +. 39. Coloured formboard 5 out of 5. 40. Gate.	37. Names 12 picture cards. 38. Knows name, age, sex. 39. Sentence repetition.	35. Manages buttons. 36. Dresses without supervision. 37. Likes to dress up. 38. Play - group of 2-3.
4 yrs	31. Hops on 1 leg - 20 times. 32. Catches ball 2/3. 33. Hops on each foot - 20 times.	41. Copies square. 42. Makes steps (6 cubes) 43. Copies triangle.	40. Comprehends cold, tired, hungry. 41. 3 opposites, lady, big, hot. 42. Knows address, birthday. 43 Word definition (5).	39. Play group of 4-5.
5 yrs	34. Walks along straight line - 10 paces. 35. Sits up without help of hands. 36. Walks backwards along straight line (10 paces).	44. Copies diamond. 45. Makes steps (10 cubes). 46. Copies square with x in it.	44. Compositions - door, shoe, spoon.	40. Co-operative play - leadership and division of labour.

Dev. Quotient	Diagnosis
85-119	Average intellect
70-84	Borderline disability
50-69	Mild I.D. - Remedial
35-49	Moderate I.D. - Trainable
Under 35	Severe - Special care

Goddard Formboard Scoring System

Age	Time Taken
3.6	56 sec
4.0	46 sec
4.6	40 sec
5.0	35 sec
6.0	27 sec

Score	GROSS MOTOR	FINE MOTOR	COMMUNICATION	PERSONAL/SOCIAL
72	35, 36	45, 46	44	40
66	34	44	43	
60	33	42, 43	41, 42	39
54	31, 32	41	40	
48	30	39, 40	38, 39	36, 37, 38
42	29	37, 38	37	35
35	28	34, 35, 36	35, 36	33, 34
30	27	32, 33	34	31, 32
24	25, 26	30, 31	31, 32, 33	29, 30
21	24	28, 29	29, 30	27, 28
18	22, 23	26, 27	26, 27, 28	24, 25, 26
15	20, 21	23, 24, 25	24, 25	21, 22, 23
12	18, 19	20, 21, 22	22, 23	20
11	15, 16, 17	18, 19	20, 21	19
10	14	16, 17	17, 18, 19	16, 17, 18
9	12,13	14, 15	14, 15, 16	14, 15
8	10, 11	12, 13	13	13
7	9	11	11, 12	12
6	7, 8	9, 10	9, 10	10, 11
5	6	7, 8	8	9
4	5	6	6, 7	7, 8
3	3, 4	4, 5	5	5, 6
2	2	2, 3	4	3, 4
1	1	1	1, 2, 3	1, 2