GMFM SCORE INTERPRETATION SHEET

	GMFM-88 and GMFM	-66 sc	oring			
Child's	Name:					
Assess	sment Date:					
Date of	f Birth:					
Chrono	ological Age:					
Evaluat	tor's Name:					
Testing	Condition (e.g., room, clothing, time, others pres	sent):				
	MFM is a standardized observational instrument designotor function over time in children with cerebral palsme.	•				•
	er, most of the items have specific descriptors for each must be used for scoring each item.	h score.	The guid	lelines co	ontained	in the
SCORII	NG KEY					
0 = doe	es not initiate					
1 = initia	ates					
2 = part	tially completes					
3 = com	npletes					
9 (or lea	ave blank) = not tested (NT) [used for the GMAE-2 so	coring*]				
	oortant to differentiate a true score of "0" (child does r you are interested in using the GMFM-66 Ability Estin				at is Not	Tested
Item	A: LYING & ROLLING	Scorin	ıg			NT
1	SUP, HEAD IN MIDLINE: TURNS HEAD WITH EXTREMITIES SYMMETRICAL	_ O	_ 1	_ 2	_ 3	

□ 0

□ 0

□ 1

□ 2

□ 2

□ 3

□ 3

SUP: BRINGS HANDS TO MIDLINE, FINGERS

ONE WITH THE OTHER.

SUP: LIFTS HEAD 45°

*2

3

4	SUP: FLEXES R HIP & KNEE THROUGH FULL RANGE.	_ O	<u> </u>	_ 2	_ 3	
5	SUP: FLEXES L HIP & KNEE THROUGH FULL RANGE.	_ O	<u> </u>	_ 2	_ 3	
*6	SUP: REACHES OUT WITH R ARM, HAND CROSSES MIDLINE TOWARD TOY.	_ O	<u> </u>	<u> </u>	_ 3	
*7	SUP: REACHES OUT WITH LARM, HAND CROSSES MIDLINE TOWARD TOY.	_ O	<u> </u>	_ 2	_ 3	
8	SUP: ROLLS TO PROVER R SIDE	_ O	<u> </u>	<u> </u>	_ 3	
9	SUP: ROLLS TO PR OVER L SIDE.	_ O	<u> </u>	_ 2	_ 3	
*10	PR: LIFTS HEAD UPRIGHT.	_ O	<u> </u>	_ 2	_ 3	
11	PR ON FOREARMS: LIFTS HEAD UPRIGHT, ELBOWS EXT., CHEST RAISED.	_ O	<u> </u>	_ 2	_ 3	
12	PR ON FOREARMS: WEIGHT ON R FOREARM, FULLY EXTENDS OPPOSITE ARM FORWARD.	_ O	<u> </u>	_ 2	_ 3	
13	PR ON FOREARMS: WEIGHT ON L FOREARM, FULLY EXTENDS OPPOSITE ARM FORWARD	_ O	<u> </u>	_ 2	_ 3	
14	PR: ROLLS TO SUP OVER R SIDE.	_ O	<u> </u>	_ 2	_ 3	
15	PR: ROLLS TO SUP OVER L SIDE	_ O	<u> </u>	_ 2	_ 3	
16	PR: PIVOTS TO R 90° USING EXTREMITIES	_ O	<u> </u>	_ 2	_ 3	
17	PR: PIVOTS TO L 90° USING EXTREMITIES.	_ O	_ 1	_ 2	_ 3	

Item	B: SITTING	Scoring				NT
*18	18. SUP, HANDS GRASPED BY EXAMINER: PULLS SELF TO SITTING WITH HEAD CONTROL.	_ O	_ 1	_ 2	_ 3	
19	19. SUP: ROLLS TO R SIDE, ATTAINS SITTING	_ O	<u> </u>	_ 2	_ 3	
20	20. SUP: ROLLS TO L SIDE, ATTAINS SITTING.	_ O	_ 1	_ 2	_ 3	
*21	21. SIT ON MAT, SUPPORTED AT THORAX BY THERAPIST: LIFTS HEAD UPRIGHT, MAINTAINS 3 SECONDS	_ O	_ 1	_ 2	_ 3	
*22	22. SIT ON MAT, SUPPORTED AT THORAX BY THERAPIST: LIFTS HEAD MIDLINE, MAINTAINS 10 SECONDS	_ O	_ 1	_ 2	_ 3	
*23	23. SIT ON MAT, ARM(S) PROPPING: MAINTAINS, 5 SECONDS	_ O	_ 1	_ 2	_ 3	
*24	24. SIT ON MAT: MAINTAIN, ARMS FREE, 3 SECONDS	_ O	_ 1	_ 2	_ 3	
*25	25. SIT ON MAT WITH SMALL TOY IN FRONT: LEANS FORWARD, TOUCHES TOY, RE- ERECTS WITHOUT ARM PROPPING	_ O	_ 1	_ 2	_ 3	
*26	26. SIT ON MAT: TOUCHES TOY PLACED 45° BEHIND CHILD'S R SIDE, RETURNS TO START.	_ O	_ 1	_ 2	_ 3	
*27	27. SIT ON MAT: TOUCHES TOY PLACED 45° BEHIND CHILD'S L SIDE, RETURNS TO START.	_ O	_ 1	_ 2	_ 3	
28	28. R SIDE SIT: MAINTAINS, ARMS FREE, 5 SECONDS.	_ O	_ 1	_ 2	_ 3	
29	29. L SIDE SIT: MAINTAINS, ARMS FREE, 5 SECONDS	_ O	_ 1	_ 2	_ 3	
*30	30. SIT ON MAT: LOWERS TO PR WITH CONTROL	_ O	_ 1	_ 2	□ 3	
*31	31. SIT ON MAT WITH FEET IN FRONT: ATTAINS 4 POINT OVER R SIDE.	_ O	_ 1	_ 2	_ 3	

*32	32. SIT ON MAT WITH FEET IN FRONT: ATTAINS 4 POINT OVER L SIDE.	_ O	<u> </u>	_ 2	_ 3	
33	33. SIT ON MAT: PIVOTS 90°, WITHOUT ARMS ASSISTING	_ O	<u> </u>	_ 2	_ 3	
*34	34. SIT ON BENCH: MAINTAINS, ARMS AND FEET FREE, 10 SECONDS.	_ O	<u> </u>	_ 2	_ 3	
*35	35. STD: ATTAINS SIT ON SMALL BENCH	_ O	<u> </u>	_ 2	_ 3	
*36	36. ON THE FLOOR: ATTAINS SIT ON SMALL BENCH	_ O	_ 1	_ 2	_ 3	
*37	37. ON THE FLOOR: ATTAINS SIT ON LARGE BENCH.	_ O	<u> </u>	_ 2	_ 3	

Total Dimension B

Item	C: CRAWLING & KNEELING	Scorin	g			NT
38	PR: CREEPS FORWARD 1.8m (6')	_ O	<u> </u>	_ 2	_ 3	
*39	4 POINT: MAINTAINS, WEIGHT ON HANDS AND KNEES, 10 SECONDS.	_ O	_ 1	_ 2	_ 3	
*40	4 POINT: ATTAINS SIT ARMS FREE.	_ O	<u> </u>	_ 2	_ 3	
*41	PR: ATTAINS 4 POINT, WEIGHT ON HANDS AND KNEES	_ O	<u> </u>	_ 2	_ 3	
*42	4 POINT: REACHES FORWARD WITH R ARM, HAND ABOVE SHOULDER LEVEL	_ O	<u> </u>	_ 2	_ 3	
*43	4 POINT: REACHES FORWARD WITH LARM, HAND ABOVE SHOULDER LEVEL.	_ O	<u> </u>	_ 2	_ 3	
*44	4 POINT: CRAWLS OR HITCHES FORWARD 1.8m(6')	_ O	_ 1	_ 2	_ 3	

*45	4 POINT: CRAWLS RECIPROCALLY FORWARD 1.8m (6').	_ O	<u> </u>	□ 2	□ 3	
*46	4 POINT: CRAWLS UP 4 STEPS ON HANDS AND KNEES/FEET.	_ O	<u> </u>	□ 2	□ 3	
47	4 POINT: CRAWLS BACKWARDS DOWN 4 STEPS ON HANDS AND KNEES/FEET	_ O	<u> </u>	□ 2	□ 3	
*48	SIT ON MAT: ATTAINS HIGH KN USING ARMS, MAINTAINS, ARMS FREE, 10 SECONDS	_ O	<u> </u>	□ 2	□ 3	
49	HIGH KN: ATTAINS HALF KN ON R KNEE USING ARMS, MAINTAINS, ARMS FREE, 10 SECONDS	_ O	_ 1	□ 2	□ 3	
50	HIGH KN: ATTAINS HALF KN ON L KNEE USING ARMS, MAINTAINS, ARMS FREE, 10 SECONDS	_ O	_ 1	_ 2	_ 3	
*51	HIGH KN: KN WALKS FORWARD 10 STEPS, ARMS FREE	_ O	_ 1	_ 2	_ 3	

Total Dimension C

Item	D: STANDING	Scoring				NT
*52	ON THE FLOOR: PULLS TO STD AT LARGE BENCH	_ O	_ 1	_ 2	_ 3	
*53	STD: MAINTAINS, ARMS FREE, 3 SECONDS	_ O	_ 1	_ 2	_ 3	
*54	STD: HOLDING ON TO LARGE BENCH WITH ONE HAND, LIFTS R FOOT, 3 SECONDS	_ O	_ 1	_ 2	_ 3	
*55	STD: HOLDING ON TO LARGE BENCH WITH ONE HAND, LIFTS L FOOT, 3 SECONDS.	_ O	_ 1	_ 2	_ 3	
*56	STD: MAINTAINS, ARMS FREE, 20 SECONDS	_ O	_ 1	_ 2	_ 3	
*57	STD: LIFTS L FOOT, ARMS FREE, 10 SECONDS	_ O	_ 1	_ 2	_ 3	

*58	STD: LIFTS R FOOT, ARMS FREE, 10 SECONDS	_ O	<u> </u>	_ 2	_ 3	
*59	SIT ON SMALL BENCH: ATTAINS STD WITHOUT USING ARMS.	_ O	<u> </u>	□ 2	□ 3	
*60	HIGH KN: ATTAINS STD THROUGH HALF KN ON R KNEE, WITHOUT USING ARMS.	_ O	<u> </u>	□ 2	□ 3	
*61	HIGH KN: ATTAINS STD THROUGH HALF KN ON L KNEE, WITHOUT USING ARMS	_ O	<u> </u>	□ 2	□ 3	
*62	STD: LOWERS TO SIT ON FLOOR WITH CONTROL, ARMS FREE	_ O	<u> </u>	_ 2	_ 3	
*63	STD: ATTAINS SQUAT, ARMS FREE	_ O	<u> </u>	_ 2	_ 3	
*64	STD: PICKS UP OBJECT FROM FLOOR, ARMS FREE, RETURNS TO STAND	_ O	<u> </u>	_ 2	□ 3	

Total Dimension D

Item	E: WALKING, RUNNING & JUMPING	Scoring				NT
*65	STD, 2 HANDS ON LARGE BENCH: CRUISES 5 STEPS TO R	_ O	_ 1	_ 2	_ 3	
*66	STD, 2 HANDS ON LARGE BENCH: CRUISES 5 STEPS TO L	_ O	_ 1	□ 2	_ 3	
*67	STD, 2 HANDS HELD: WALKS FORWARD 10 STEPS	_ O	_ 1	□ 2	_ 3	
*68	STD, 1 HAND HELD: WALKS FORWARD 10 STEPS	_ O	_ 1	_ 2	_ 3	
*69	STD: WALKS FORWARD 10 STEPS	_ O	_ 1	_ 2	_ 3	
*70	STD: WALKS FORWARD 10 STEPS, STOPS, TURNS 180°, RETURNS	_ O	_ 1	_ 2	_ 3	

*71	STD: WALKS BACKWARD 10 STEPS	_ O	<u> </u>	_ 2	<u> </u>	
*72	STD: WALKS FORWARD 10 STEPS, CARRYING A LARGE OBJECT WITH 2 HANDS	_ O	<u> </u>	_ 2	□ 3	
*73	STD: WALKS FORWARD 10 CONSECUTIVE STEPS BETWEEN PARALLEL LINES 20cm (8") APART	_ O	<u> </u>	_ 2	_ 3	
*74	STD: WALKS FORWARD 10 CONSECUTIVE STEPS ON A STRAIGHT LINE 2cm (3/4") WIDE	_ O	<u> </u>	<u> </u>	_ 3	
*75	STD: STEPS OVER STICK AT KNEE LEVEL, R FOOT LEADING	_ O	<u> </u>	<u> </u>	_ 3	
*76	STD: STEPS OVER STICK AT KNEE LEVEL, L FOOT LEADING	_ O	<u> </u>	_ 2	<u> </u>	
*77	STD: RUNS 4.5m (15'), STOPS & RETURNS	_ O	_ 1	_ 2	_ 3	
*78	STD: KICKS BALL WITH R FOOT	_ O	_ 1	<u> </u>	_ 3	
*79	STD: KICKS BALL WITH L FOOT	_ O	<u> </u>	_ 2	_ 3	
*80	STD: JUMPS 30cm (12") HIGH, BOTH FEET SIMULTANEOUSLY	_ O	<u> </u>	_ 2	_ 3	
*81	STD: JUMPS FORWARD 30 cm (12"), BOTH FEET SIMULTANEOUSLY	_ O	_ 1	<u> </u>	_ 3	
*82	STD ON R FOOT: HOPS ON R FOOT 10 TIMES WITHIN A 60cm (24") CIRCLE	_ O	<u> </u>	_ 2	_ 3	
*83	STD ON L FOOT: HOPS ON L FOOT 10 TIMES WITHIN A 60cm (24") CIRCLE	_ O	<u> </u>	_ 2	_ 3	
*84	STD, HOLDING 1 RAIL: WALKS UP 4 STEPS, HOLDING 1 RAIL, ALTERNATING FEET	_ O	<u> </u>	_ 2	_ 3	
*85	STD, HOLDING 1 RAIL: WALKS DOWN 4 STEPS, HOLDING 1 RAIL, ALTERNATING FEET	_ O	_ 1	_ 2	_ 3	

*86	STD: WALKS UP 4 STEPS, ALTERNATING FEET	_ O	<u> </u>	_ 2	□ 3	
*87	STD: WALKS DOWN 4 STEPS, ALTERNATING FEET	_ O	_ 1	<u> </u>	□ 3	
*88	STD ON 15cm (6") STEP: JUMPS OFF, BOTH FEET SIMULTANEOUSLY	_ O	<u> </u>	_ 2	_ 3	

Total Dimension E

GMFM-88 Summary Score

DIMENSION	CALCULATION OF DIMENSION % SCORES	Goal Area
A. Lying & Rolling	Total Dimension A ÷ 51 = ÷ 51 × 100 = %	A.
B. Sitting	Total Dimension B ÷ 60 = ÷ 60 × 100 = %	□ B.
C. Crawling & Kneeling	Total Dimension C ÷ 42 = ÷ 42 × 100 = %	_ C.
D. Standing	Total Dimension D ÷ 39 = ÷ 39 × 100 = %	D.
E. Walking, Running & Jumping	Total Dimension E ÷ 72 = ÷ 72 × 100 = %	E.

Total Score = (%A + %B + %C + %D + %E) ÷ (Total # of Dimensions) = ____ ÷ 5 = ___ = ____ %

Goal Total Score = (Sum of %scores for each dimension identified as a goal area) ÷ (# of Goal areas) = ____ = ____ %

GMFM-66 Gross Motor Ability Estimator Score

from the Gross Motor Ability Estimator (GMAE-2) Software

GMFM-66 Score = _	
to	(95% Confidence Intervals)

previous GMFM-66 Score	· =
to	(95% Confidence Intervals)
change in GMFM-66 =	

TESTING WITH AIDS/ORTHOSES USING THE GMFM-88

Indicate below with a check which aid/orthosis was used and what dimension it was first applied. (There may be more than one).

AID	Dimension	
Rollator/pusher		
Walker		
H Frame crutches		
Crutches		
Quad Cane		
Cane		
None		
Other (Please Specify)		
Orthosis	Dime	ension
Hip Control		
Knee Control		
Ankle-foot Control		

Foot Control		
Shoes		
None		
Other (Please Specify)		
CMEM 9	00 61	Immary Score Using Aids/Orthoses

GMFM-88 Summary Score Using Aids/Orthoses

DIMENSION	CALCULATION OF DIMENSION % SCORES	Goal Area
F. Lying & Rolling	Total Dimension A ÷ 51 = ÷ 51 × 100 = %	☐ A.
G. Sitting	Total Dimension B ÷ 60 = ÷ 60 × 100 = %	☐ B.
H. Crawling & Kneeling	Total Dimension C ÷ 42 = ÷ 42 × 100 = %	_ C.
I. Standing	Total Dimension D ÷ 39 = ÷ 39 × 100 = %	_ D.
J. Walking, Running & Jumping	Total Dimension E ÷ 72 = ÷ 72 × 100 = %	E.

Total Score = (%A + %B + %C + %D + %E) ÷ (Total # of Dimensions) = ÷ 5 = ÷ 5 = *
Goal Total Score = (Sum of %scores for each dimension identified as a goal area) ÷ (# of Goal
areas) = =%