Does Your Student Need an IEP in APE?

Dr. Kerri Tunnicliffe C.A.P.E.

ktunnicliffe@ric.edu

Jill Spohn C. APE

jspohn@MPSRI.NET

Introduction

Kerri Tunnicliffe

- Associate Professor of Physical Education
- Rhode Island College
- Coordinator of Adapted Physical Education

Jill Spohn

- Adapted Physical Educator
- Middletown School District
- Middletown RI

Objectives

 By the end of the session the majority of participants will be able to determine which assessment tool to use to establish if a child needs APE services.

2. By the end of the session the majority of participants will be able to properly score a formal adapted physical education assessment tool to determine if a student needs APE services.

Formal Evaluation

 Why does the formal evaluation need to be standardized?

 I.D.E.A. requires a valid, reliable, nondiscriminatory measurement instrument to determine if a child qualifies for adapted physical education

Severe Disabilities Evaluation

- Step 1 Observe the child to determine if the child would be able to complete the skills in a standardized APE assessment tool.
- Step 2 Implement an assessment tool that fits the child's needs. The more severe assessment tools are check lists to determine what a child can do.

See Appendix A for APE assessment Matrix

How do you know when a child needs services?

 Child scores -1.5 standard deviations below the norm

Child scores two age levels below their peers

Once Services have been Determined

 It is always the goal to keep the child in his/her least restrictive environment

 Data from the formal assessment tool can be utilized to help make this decision

Appendix B How do you find chronological age?

Modified from the PDMS 2

			Converted Dates	
Date of Assessment: _	/	<u>/</u> Day Year	Year Month Day	_
Date of Birth:	/	/		- (minus)
	Mo. Day	Year	Year Month Day	
			Year Month Day*	
		Year: Years X 1	2 = + months	
		Month: enter month	ns = + months	
		*(day: add 1 month Day is 15 or more)	•	
	CHRONOLO	OGICAL AGE	= months	

Chronological Age

Date of Assessment: 1 / 18 / 11

Date of Birth: 7 / 30 / 06

Mo. Day Year

11 1 18

Yr Mo. Day

- (minus)

06 7 30

Yr Mo. Day

 11
 1
 18
 49

 Yr
 Mo.
 Day
 - (minus)

 06
 7
 30

 Yr
 Mo.
 Day

11 1 12 18 49 Mo. Yr Day - (minus) 06 30 Yr Mo. Day

19

11 ¹⁰	1 12	18 49
Yr	Mo.	Day
		- (minus)
06	7	30
Yr	Mo.	Day
4	5	19

```
Year: _4___ Years X 12 + 48 months
Month: enter months = + ____ months
            *(day: add 1 month only if
                  Day is 15 or more) =
                    + months
CHRONOLOGICAL AGE = months
```

CHRONOLOGICAL AGE = ____ months

Year: <u>4</u> Years X 12 + <u>48</u> months

Month: enter months = + ____5__ months

*(day: add 1 month only if

Day is 15 or more) =

+ __ 1__ months

CHRONOLOGICAL AGE = ____ months

Modified from the PDMS 2

Year: <u>4</u> Years X 12 + <u>48</u> months

Month: enter months = + ____5__ months

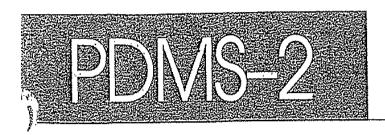
*(day: add 1 month only if

Day is 15 or more) =

+ ___1__ months

CHRONOLOGICAL AGE = 54 months

Chronological Age (Appendix C)



Profile/Summary Form

Peabody Developmental Motor Scales

Second Edition

		Section I.	Identifyi	ng Information		
Child's Name				~~~~~	Female	Male 🗌
Date Tested	Year 10	Month 12	Day 49	Examiner's Name		y ".
Date of Birth Chronological Age	<u>06</u> <u>4</u>	5	30	Examiner's Title		,
Prematurity Adjustment Corrected Age Age in Months		54	**************************************			

Practice Scoring the Peabody 2

Raw Scores

•	Stationary	44
•	Locomotion	125
•	Object Manipulation	21

PLEASE SEE APPENDIX C FOR PEABODY RAW SCORE PAGE

Raw Scores (Appendix B)

PDMS-2	Raw Score	Age Equivalent	%ile		Standard Scores	
Reflexes	1,111	AND				
Statlonary	<u>41</u>	w	//////	*************************************		
1.ocomotion	<u> 155</u>	**************************************		·····		Ministra
)ject Manipulation	<u>17</u>	**************************************	white the delication of the second	**************************************		***************************************
s rasping	<u> </u>		and the second of the second o		***************************************	**************************************
Visual-Motor Integration	***************************************		-			lana and the
		Sum of S	Standard Scores			
				GMQ	FMQ	, OMT
			Quotients			
			Percentiles	***	·	

Peabody 2

NOTE for the Peabody:

Always look at the columns in the middle <u>for the</u> <u>first score</u> in the title of the table and to the <u>left and right for the second score</u> (i.e. table A = converting subtest raw scores to %tile and standard scores).

The raw scores are in the middle under the appropriate column label. The %tile score is to the left and standard score is to the right.

Review of Peabody scoring

Look up (convert) subtest raw scores to %tiles and standard scores Appendix A

Table A Stationary Percentile & Standard Score

108 > Appendix A

Table A.35

Converting Subtest Raw Scores to Percentiles and Standard Scores

Ace 54-59 Monitor

Percentile Rank	Stationary	Locomotion	Object Nanipulation	Grasping	Visual– Motor	Standard Scores
<1	<32	<64	V10	.<37	<63	1
Z]	32–34	64-80	10-12	37–40	63–76	2
1	35–37	81–102	13–15	41–43	77–91	3
2	38-40	103-123	16-18	44	92-106	4
3 5 6	(441-46)	124-138	19–27	45	107-118	5
9	44-45	139-150	28-34	46	119-123	6
16	46-48	(151-155)	35–38	47	124-127	7
25	49–50	156–161	39–40	48	128-130	8

Percentiles & Standard Scores

PDMS-2	Raw \$core	Age Equivalent	%ile		Standard Scores	
Reflexes	11,1111111111111111	444444				
Statlonary	41	W-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1	5	5		
1.ocomotion	<u> 155</u>	**************************************	16	7		***************************************
)ject Manipulation	1 <u>7</u>	e-monthshirt	2	_4		**************************************
Grasping:			writers terromorbil		**************************************	**************************************
Visual-Motor Integration	MAAAAMATTA TIII	period and the same				The state of the s
		Sum of S	tandard Scores	16		
				GMQ	FMQ	TMQ .
			Quotients			\bigcirc
			Percentiles	~~		

Review of Peabody scoring

 Take sum of standard scores (stationary, locomotion, and object manipulation) from Appendix A and look up gross motor % rank and quotient Appendix B

Table B Percentile Rank & Quotient

114 > Appendix B

Table B.1 Continued.

Percentile Rank	Total Motor (5 Subtests)	Gross Motor (3 Subtests)	Fine Motor (2 Subtests)	Quotient
30	44		<u></u>	92
27	<u>—</u>	26	17	91
25	43		<u> </u>	90
23	42	25		89
21	41	•••••	16	88
19		24	***************************************	87
18	40	- 19 (1) (1) (1) (1) (1) (1) (1) (1) (1) (1)	—	86
16	39	23	15	85
13	38	22		83
12	37		14	82
10	36	21		81
8	35	20	13	79
7	34	<u>—</u>		78
6 5	33	19	— 12	77 76
5	32	 -		75
4	31	18	********	74
3	30		7	73
3		17		72
. 3	29	_		71
2	28	(16)	10	70
The state of the s	27	15	———	68

Percentiles & Standard Scores

PDMS-2	Raw Score	Age Equivalent	%ile	,	Standard Scores	
Reflexes	-	***************************************				was a somit
Statlonary	<u>41</u>	w	5	5		
1.ocomotion	155_	**************************************	16			***************************************
)ject Manipulation	1 <u>7</u>	•=	<u> </u>	4		***************************************
s rasping			arinsets an annalyti			the section of the se
Visual-Motor Integration	**************************************	-				
		Sum of S	Standard Scores	16		
				GMQ	FMQ	TMQ .
			Quotients	70		
			Percentiles	2		

Review of Peabody scoring

 Convert <u>raw scores</u> to <u>age equivalents</u>
 Appendix C to determine if a student is functioning at an age appropriate level

Table C.1

Converting Raw Scores to Age Equivalents

Age			PDIVIS-2 Su	biesis			Age Equivalent
Equivalent in Months	Re	St	Lo	Ob	Gr	Vi	in Months
1	1	1-12	1-7		1-8	1-7	1
2	2	13-15	8-11		9-11	8-12	2 3
3	3	16-18	12-16	<u></u>	12-14	13-16 17-19	3 4
4	4	19-21	17-22		15-19 20-24	20-22	5
5	5-6	22-24	23-27	******	20-24 25-28	23-28	6
6	7-10	25-26	28-33		29-31	29-34	7
7	11-12	27-29	34-39 40-47		27 U. 32-33	35-39	. 8
8	13	30-31	40-47 48-54		34-35	40-45	9
9	14	32-33 34-35	55-60		36	46-52	10
10	15 16	36	61-64		37	53-58	11
1 î 12	10		65-68	1-4	38	59-64	12
13			69-71	5-6	39	65-68	13
14		37	72-76	7	40	69-72	14
15		<u></u> -	77-80	. 8-9	41	73-75	<u>15</u>
16			81-84	10		76	16 17
17			85-88	11		77-78 79-81	18
18		38	89-91	12		82-84	19
19			92-93	13	42	85-86	20
20	10.		94-96	14 15		87-88	21
21		39	97-98 99-102	16-17		89-90	22
22			103-107	18-19		91-94	23
23			108-109	20		95	24
24		<u>—</u>	110-112	21		96-97	25
25			113-114	22	10 (10 (10 (10 (10 (10 (10 (10 (10 (10 (98	26
26 27			115-116	23		99-100	Contract of the contract of th
. <i>27</i> 28		40	117–119	24	43	101-102	
29			120-122	25		103	29 5 30
30			123-124	26		104-10	The same of the sa
31		_	125-127		——————————————————————————————————————	106–10 108	7 01 32
32	<u> </u>		128-129	27		108	33
33		(4/4)	130-131 132-134	28 29	44	110-11	
34			102-104	4 r		710	25

Table C.1 Continued.

Age Equivalent		Age					
in Months	Re	St	Ĺo	Ob	Gr	Vi	Equivalent in Months
37	_	43	139-141	31	45	114-115	37
38 39		44	142-143 144	32	-	116	38
40	-	45	145-146	33 34	 46	117-118	39
41		46	147	35		119-120 121-122	40 41
42	en	Abritation and the second	148			123	42
43	_	47	149	36	47	724	43
44 45	_		150 151–152	37		125	44
46	**************************************	48	153-154	38	 48	126	45
47			155	39	₩	120	46
48		49	156–157	40		127	47 48

Converting Raw Scores to Age Equivalents

	•						Age
Age			PDMS-2 Su	btests			Equivalent
Equivalent in Months	Re	St	Lo (Ob	Gr	Vi	in Months
		1 10	1-7		1-8	1-7	1
1	1 2	1-12 13-15	8-11	<u>-210</u>	9-11	8-12	2
2	3	16-18	12-16		12-14	1.3-16	3
4	4	19-21	17-22	Will State of the	15-19	17-19	4
5	5-6	22-24	23-27	·····	20-24	20-22	5
6	7-10	25-26	28-33		25-28	23-28	6
7	11-12	27-29	34-39		29-31	29-34	7
- 8	. 13	30-31	40-47		32-33	35-39	8
9	14	32-33	48-54	<u> </u>	34-35	40-45	10
10	15	34-35	55-60	4	36	46-52	11
1 1	16	36	61-64		37	53-58 59-64	12
12			65-68	1-4	38	59-64 65-68	13
13	<u></u>		69-71	5-6	39 40	69-72	14
14	<u> </u>	37	72-76	7	40 41	ογ-≀∠ 73-75	15
15	<u></u>		77-80	8-9	41	76 76	16
16			81-84	10		77-78	17
17			85-88	11		77-78 79-81	18
18		38	89-91	12 13		82-84]9
19		<u></u>	92-93		<u></u> 42	85-86	20
20	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	——————————————————————————————————————	94-96	14 15		87-88	21
. 21		39	97-98	# Control of the Cont		89-90	22
22			99-102	16-17 18-19		91-94	23
23			103-107 108-109	20		95	24
24		<u>—</u>	108-109	20 21		96-97	25
25			113-114	21 22		98	26
26	<u> 2.00</u> .		115-114 115-116	23		99-100	27
27		40	117-119	24	43	101-102	2 28
28		40	120-122	25		103	29
29			123-124	26		104-105	
30			125-127			106-107	
31	- 11		128-129	27	—	108	32
32			130-131	28		109	33.
33 34			132-134	29	44	110-11	
34						110	વ મ

Percentiles & Standard Scores

PDMS-2	Raw Score	Age Equivalent	%ile	Standard Scores		
Reflexes	**************************************	*****				was a reason controlly
Stationary	<u>41</u>	33	5	5		
1.ocomofion	155_	47	16			**************************************
)ject Manipulation	<u>17</u>	22		_4_		***************************************
Grasping.			metros transmistrati			**************************************
Visual-Motor Integration	MARKET MARKET WITH	particular				Parameter described
		Sum of Standard Scores		16		
				GMQ	FMQ	TMQ .
			Quotients	70		
			Percentiles	2	·	

Review of Peabody scoring

► Converting <u>standard scores and %tiles</u> to <u>Z</u> <u>scores</u> Appendix D to determine how many standard deviations the student is away from the mean (-1.5 or lower means the child qualifies for services).

Table D.1 Continued.

Percentile	z-Score	PDMS-2 Quotient	PDMS-2 Subtest
45	0.13	98	
42	70.20	97	
39	-0.27	96	TO BE CONTROL TO THE PARTY OF T
37	-0.33	95	9
35	70.40	94	
32	-0.47	93	
30	-0.53	92	
27	-0.60	91	
25	0.67	9 0	8
23	0.73 -0.80	89 88	
21 19	-0.87	87	
19	70.93	86	
16	1.00	85	7
14	⁻ 1.07	84	
13	-1.13	83	
12	1.20	82	
10	-1.27	81	
400000000000000000000000000000000000000	-1.33	80	6
8	-1.40	79	
7	1.47	78	
6	-1.53	77	
5	-1.60	76	
5	-1.67	75	5
4	=1.73	74	
3	-1.80	73	
3	-1.87 -1.00	72 71	
3	-1.93	71	4
V K	2.00		



Profile/Summary Form

Peabody Developmental Motor Scales

Second Edition

Child's Name						Female	Male 🗌
•	Year	Month	Day				
Date Tested _				Examiner's	Name		
Date of Birth _		<u></u>		Examiner's	Title		
Chronological Age							
rematurity Adjustment		broads#		•			
Corrected Age				•			
Age in Months					•	•	
		💥 🤾 séctiór	II. Rec	ord of Sc	ores	的分别数数Mindow	
DMS-2	Raw	Age			•	Standard	
eflexes	Score	Equivaler	of	%ile 		Scores	
itationary	***************************************	West-Auto-Auto-Auto-Auto-Auto-Auto-Auto-Aut		***************************************	***************************************		
ocomotion isject Manipulation	**************************************	waterstands and delicated and the second and the se			***************************************		
stasping.					Assessive assessive and the second		######################################
visual-Motor Integration					1		
		Sc	m of Stando	ard Scores			
					GMQ	FMQ	TMQ .
				Quotients			
				Percentiles			
		Sectio	n III., Pr	ofile of Sc	ores :		
		y y	ofor	or stor	, <u>d</u>		
	Standard Scores	Neichary Stationary Locomotion Object Manipulation	Grasping Visual-Motor Integration Standard	Scores Guotients Gross Motor Fine Motor	Total Motor Quatients		
	용용 20 19			20 150	· 150		
	18 .			9 145 18 140	145		
	17 16			17 135 d 16 130	135		
	15			15 125	125 120		
	13			13 115 12 110	115 110 105		
	11 10 9	• • • • • • • • • • • • • • • • • • • •		11 105 . , 10 100 9 95 . ,			
	8 7		: ;:	8 90 · · · 7 85 · · ·	. 90 . 85		
	, 6 5	:, : : : : `		6 80 5 75	80 . 75		
•	5 4 3			6 80	, 70 65		
	2			2 60	. 60 55		

Scoring Criteria (Appendix D)

- 2 = The child performs the item according to the criteria specified for mastery
- 1=The child's performance shows clear resemblance to the item mastery criteria but does not fully meet the criteria
- 0=The child cannot or will not attempt the item, or attempt does not show that the skill is emerging.
- If you omit a score it is scored a 0

Appendix E

FUNCTIONAL MOTOR ASSESSMENT

References

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