49 - MOTOR PERFORMANCE IN SCHOOLCHILDREN OF THE DISTRICT OF BALBINA IN PRESIDENTE FIGUEIREDO/AM

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INTRODUCTION

The motor acting is a fundamental attribute that it characterizes the motor repertoire, the motive conduct and it is related with the biological maturation and the children's chronological age and adolescents, indicating the levels of physical income and health.

This way, he/she understands each other that to investigate the children's motor acting and adolescents, it supplies support for the field of performance and the professionals' intervention, because, it constitutes in important indicators of health of younger populations.

Like this, he/she becomes necessary to look for data that give support for the evaluation of the motive capacities and of the patterns of the growth of the motor acting, indicating the level of children's sporting income and adolescent (Marques, 1997).

METHODOLOGY

For this study the sample belonged to children and adolescents of the municipal school of Balbina/ President Figueiredo-AM, in the age group from 07 to 14 years, regularly enrolled in the year of 2009 and 2010 according to the TABLE 1.

Table 01 - Total of the scholars' of both sexes sample, in the age group from seven to 14 years of both sexes of the District of Balbina in the municipal district of President Figueiredo - AM.

Age		7	8	9	10	11	12	13	14
Sex	M ?	23	15	23	26	20	32	25	17
	F ?	21	26	22	19	24	23	16	15
Total	347								

RESULT AND DISCUSSION

In the TABLE 2 the results are presented in a descriptive way through the analysis and discussion of the scores with the medium values and test t of student of the variable corporal weight between the boys and girls of the present study, where they are verified that the results come growing in all of the analyzed age groups. However, it is observed that differentiates significant estatisticament was registered just in the eleven year-old age, and in the girl's favor.

In relation to stature variable, the data of the scores with the medium values and test student t obtained by the children and adolescents of both sexes from seven to fourteen years of the Municipal School of Balbina, it only registered differences significant estatisticament in the boy's favor in the fourteen year-old age. Probably due to the second coming of the growth to happen with larger magnitude in this age group.

TABLE 2 - Comparison of the averages and value of the test t of Student of the variables of body weight and stature of both sexes from seven to 14 years of the Municipal School of Balbina - AM.

SEX	AGE	N	body weight		Estature	
			$\bar{X}$	Valor t	$\bar{X}$	Valor t
Male	7	23	24,5	- 1,09	123,2	- 1,94
Female		21	23,0		120,7	
Male	8	15	26,8	- 0,43	125,4	1,33
Female		26	26,0		126,7	
Male	9	23	30,4	0,94	133,9	0,62
Female		22	32,5		135,1	
Male	10	26	33,3	0,12	137,8	- 0,58
Female		19	33,6		136,8	
Male	11	20	33,5	3,45*	142,1	1,53
Female		24	41,1		145,3	
Male	12	32	40,7	0,30	147,4	1,37
Female		23	41,6		150,5	
Male	13	25	47,4	1,30	155,2	0,07
Female		16	51,3		155,4	
Male	14	17	49,0	- 0,38	161,2	- 2,63*
Female		15	48,0		154,6	

STANDING LONG JUMP

Analyzing the TABLE 3 that, for his/her time it presents the values of averages, standard deviation, test student t, minimum value and maximum value of the variable standing long jump of children and adolescents of both sexes in the age group from seven to fourteen years of the municipal School of Balbina. It is noticed that differentiate significant estatisticament were found in the age groups of 7, 8, 9, 11, 12, 13 and 14 in the boy's favor.

TABLE 3 - Comparison among the averages of the measure of the Jump test of both sexes from seven to 14 years of the Municipal School of Balbina (AM).

SEX	AGE	N	$\bar{x}$	SD	Valoe t	V. Min.	V. Max.
Male	7	23	111,0	18,02	-2,48*	68,9	140,9
Female	7	21	98,2	16,25		68,0	130,1
Male	8	15	122,5	12,46	-2,56*	101,7	145,0
Female	8	26	110,8	16,34		80,0	136,0
Male	9	23	134,5	14,57	-3,34*	105,0	169,5
Female	9	22	116,7	20,77		73,0	142,0
Male	10	26	133,1	21,59	-1,28	85,8	183,2
Female	10	19	125,8	16,58		95,0	166,0
Male	11	20	141,0	23,44	-2,48*	95,1	182,3
Female	11	24	123,3	23,73		80,0	170,0
Male	12	32	151,1	23,39	-2,59*	104,9	212,8
Female	12	23	133,9	25,52		75,1	167,0
Male	13	25	163,9	22,34	-4,43*	105,0	191,0
Female	13	16	134,7	19,39		106,4	180,0
Male	14	17	183,2	21,79	-6,35*	136,2	224,0
Female	14	15	137,6	18,83		107,6	180,0

*p<0,05

MODIFIED PULL UP

In this variable, the TABLE 4 presents us to the data of the values of averages, standard deviation, test student t, v. min. and v. max. of children and adolescents from seven to fourteen years in the variable modified pull up. Differences significant estatisticament were observed in the boy's favor in the age groups 9, 10, 11, 12, 13 and 14 years.

TABLE 4 - Comparison among the averages of the modified pull up of both sexes from seven to 14 years of the Municipal School of Balbina (AM).

SEX	AGE	N	$\bar{x}$	SD	Valoe t	V. Min.	V. Max.
Male	7	23	2	2,06	-0,64	0	6
Female		21	2	1,86		0	8
Male	8	15	2	1,99	-0,00	0	6
Female		26	2	1,92		0	6
Male	9	23	3	3,48	-2,33*	0	12
Female		22	1	2,48		0	9
Male	10	26	3	3,98	-2,54*	0	15
Female		19	1	2,71		0	11
Male	11	20	3	3,74	-2,48*	0	16
Female		24	1	2,12		0	10
Male	12	32	3	2,97	-3,95*	0	12
Female		23	0	1,36		0	4
Male	13	25	5	3,53	-4,57*	1	14
Female		16	1	1,37		0	4
Male	14	17	8	4,06	-6,82*	3	16
Female		15	1	1,65		0	6

*p<0,05

RUN OF 30 METERS

For this variable, the TABLE 5 display the data with values of the averages, standard deviation, test student t, v. min. and v. max. of the variable rum of the children's 30 meters and adolescents of both sexes in the age group from seven to fourteen years of the present study. When analyzing the presented values, it was possible to infer that you differentiate significant estatisticament enrolled in the boy's favor in all of the ages.

TABLE 5 - Comparison among the averages of Run of 30 meters of both sexes from seven to 14 years of the Municipal School of Balbina (AM).

SEX	AGE	N	$\bar{x}$	SD	Valoe t	V. Min.	V. Max.
Male	7	23	6,1	0,33	4,37*	5,6	6,9
Female	7	21	6,6	0,54		5,8	7,8
Male	8	15	5,7	0,58	3,17*	4,8	7,0
Female	8	26	6,3	0,68		5,1	8,2
Male	9	23	5,6	0,35	2,81*	5,0	6,4
Female	9	22	6,0	0,52		5,2	7,7
Male	10	26	5,4	0,59	3,25*	4,2	6,9
Female	10	19	5,9	0,42		5,2	6,7
Male	11	20	5,2	0,53	3,00*	4,8	7,1
Female	11	24	5,8	0,71		4,0	7,1
Male	12	32	5,1	0,40	3,55*	4,4	5,8
Female	12	23	5,6	0,74		4,5	7,8
Male	13	25	4,8	0,30	4,53*	4,3	5,5
Female	13	16	5,7	0,70		4,9	7,6
Male	14	17	4,6	0,24	4,49*	4,1	5,1
Female	14	15	5,4	0,71		4,5	7,3

*p<0,05

RUN/WALK OF 9/12 MINUTES

The TABLE 6 indicates data of the variations of the values of averages, standard deviation, test student t, v. min. and v. max. of the test 9/12 min. with children's of both sexes variable run/walk in the age group from seven to fourteen years of age of the Municipal School of Balbina.

When analyzing the presented values, it was possible to infer that you differentiate significant estatisticament enrolled in the boy's favor in the ages of 8, 9, 11, 12 and 13 years.

TABLE 6 - Comparison among the averages of run/walk of 9/12 min. of both sexes from seven to 14 years of the Municipal School of Balbina (AM).

SEX	AGE	N	$\bar{x}$	SD	Valoe t	V. Min.	V. Max.
Male	7	23	1263	187, 360	-0,70	969	1585
Female		21	1223	173, 414		826	1585
Male	8	15	1385	184, 010	-2,37*	1090	1635
Female		26	1218	180, 386		665	1492
Male	9	23	1398	233, 581	-2,31*	950	1810
Female		22	1256	175, 378		904	1580
Male	10	26	1282	178, 616	-1,82	1045	1673
Female		19	1176	208, 195		845	1733
Male	11	20	1347	247, 508	-2,11*	984	1705
Female		24	1215	165, 052		983	1530
Male	12	32	1506	267, 030	-2,92*	795	2060
Female		23	1289	278, 387		515	1810
Male	13	25	1964	260, 164	-5,11*	1410	2515
Female		16	1548	241, 903		1119	1878
Male	14	17	1927	348, 835	-1,61	1120	2497
Female		15	1731	327, 404		1160	2220

*p<0,05

CONCLUSIONS

The medium values of the stature variables and corporal weight in both sexes, it is observed that the girls of this study, presented significant increases of stature and body weight with the age, demonstrating to be higher and heavier than the boys of this study. Being these considered indexes similar to the that have been found in studies of national reference. Regarding the tests of motor acting. The analysis of the data revealed significant differences, with high levels of the boy's motor acting in relation to the girls. These information point that the boys are moved more than the girls characterizing that the girls besides being less active, present little motivation in practicing regular physical activities.

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MOTOR PERFORMANCE IN SCHOOLCHILDREN OF THE DISTRICT OF BALBINA IN PRESIDENTE FIGUEIREDO/AM

ABSTRACT

The present study, looked for to investigate the motor acting a sample of 347 subject of both sexes with age among seven to 14 years, being 166 boys and 181 girls, selected randomly in the children's population and belonging adolescents the Municipal School of the District of Balbina in President Figueiredo/AM. The study used the growth indicators and physical fitness. In agreement with the information found in this study in relation to the medium values of the variables stature anthropometrics and corporal weight in both sexes, it was verified that the girls of this study presented significant increases in all the variables with the age, demonstrating be higher and heavier than the boys of the same study. Regarding the aptitude tests physics information. The analysis of the data revealed in the variables of modified sit-up, standing long jump, modified pull-up, 30 meter-run and run/walk of nine and twelve minutes, larger indexes of the boys motor acting in relation to the girls. These values compete to affirm that the boys of this study are stronger, faster and they possess more resistance cardiopulmonary than the girls, probably because they are well more assets than the girls.

KEY WORDS: Motor performance, Schoolchildren, Physical fitness.

PERFORMANCE DU MOTEUR DANS ÉCOLIERS DEL DISTRITO DE BALBINA EN PRESIDENTE FIGUEIREDO/AM.

RÉSUMÉ

L'étude présente, a cherché pour enquêter sur le moteur qui joue un échantillon de 347 sujet des deux sexes avec âge parmi sept à 14 années, en étant 166 garçons et 181 filles, randomly sélectionné dans la population des enfants et appartenant adolescents l'École Municipale du District de Balbina dans Président Figueiredo/AM. L'étude a utilisé les indicateurs de l'augmentation et mise en forme. En accord avec l'information trouvée dans cette étude par rapport aux valeurs moyennes de l'anthropometrics de la taille des variables et poids du caporal dans les deux sexes, il a été vérifié que les filles de cette étude ont présenté des augmentations considérables dans toutes les variables avec l'âge, démontrer est plus haut et plus lourd que les garçons de la même étude. Concernant l'information de la physique des tests d'aptitude. L'analyse des données a révélé dans les variables d'exercice abdominal modifié, saut en longueur debout, traction modifiée, course de 30 mètres et course/promenade de neuf et douze minutes, plus grands index du moteur des garçons qui agit par rapport aux filles,. Ces valeurs rivalisent pour affirmer que les garçons de cette étude sont plus forts, plus rapides et ils possèdent plus de résistance cardiopulmonaire que les filles, probablement parce qu'ils sont bien plus d'atouts que des filles.

MOTS-CLES: Performance du moteur, Écoliers, mise en forme.

LA ACTUACIÓN DE MOTOR EN LOS NIÑOS ESCOLARES DEL DISTRITO DE BALBINA EN PRESIDENTE FIGUEIREDO/AM

RESUMEN

El estudio presente, buscado para investigar el actuando de motor una muestra de 347 asunto de ambos sexos con la edad entre siete a 14 años, mientras siendo 166 muchachos y 181 muchachas, seleccionó al azar en la población de los niños y los adolescentes perteneciendo la Escuela Municipal del Distrito de Balbina en Presidente Figueiredo/AM. El estudio usó los indicadores de crecimiento y salud. De acuerdo con la información encontrada respecto a en este estudio los valores elemento del antropometricas de estatura de variables y peso del corporal en ambos sexos, fue verificado que que las muchachas de este estudio presentaron los aumentos significantes en todas las variables con la edad, demostrar es más alto y más pesado que los muchachos del mismo estudio. Con respecto a la aptitud la información de las físicas prueba. El análisis de los datos revelado en las variables de modificó sentar, salto de longitud en pie, la barra modificada, 30 metro-corridos, la Carrera y el paseo de nueve y doce minutos, los índices más grandes de los muchachos van en automóvil actuando las muchachas respecto a. Estos valores compiten para afirmar que los muchachos de este estudio son más fuertes, más rápidos y ellos poseen más resistencia cardiopulmonar que las muchachas, probablemente porque ellos son bien más recursos que las muchachas.

PALABRAS CLAVE: La actuación de motor, Los Niños escolares, la salud.

DESEMPENHO MOTOR DE ESCOLARES DO DISTRITO DE BALBINA EM PRESIDENTE FIGUEIREDO/AM.

RESUMO

O presente estudo, buscou investigar o desempenho motor uma amostra de 347 sujeitos de ambos os sexos com idade entre sete a 14 anos, sendo 166 meninos e 181 meninas, selecionados aleatoriamente na população de crianças e adolescentes pertencentes a Escola Municipal do Distrito de Balbina em Presidente Figueiredo/AM. O estudo utilizou os indicadores de crescimento e aptidão física. De acordo com as informações encontradas neste estudo em relação aos valores médios das variáveis antropométricas de estatura e peso corporal em ambos os sexos, verificou-se que as meninas deste estudo apresentaram aumentos significantes em todas as variáveis com a idade, demonstrando serem mais altas e mais pesadas que os meninos do mesmo estudo. Com relação às informações dos testes de aptidão física. A análise dos dados revelou nas variáveis de abdominal modificado, salto em distância parado, barra modificada, corrida de 30 metros e corrida/caminhada de nove e doze minutos, maiores índices de desempenho motor dos meninos em relação às meninas. Estes valores concorrem para afirmar que os meninos deste estudo são mais fortes, mais velozes e possuem mais resistência cardiopulmonar que as meninas, provavelmente porque são bem mais ativos que as meninas.

PALAVRAS-CHAVE: Desempenho motor, Escolares e Aptidão física.