

Thesis Title The Physical Fitness of Students in the School
 for the Deaf in Bangkok Metropolis.

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ABSTRACT

The purposes of this investigation were to study physical fitness of students in the school for the deaf in Bangkok Metropolis, and to compare the deaf student's physical fitness between sexes and age groups. The population in the study were 165 male and female deaf students, 10 to 15 years of age from Sethsatian school and Teongmahamek School. The International Committee for Standardized Physical Fitness Test (ICSPFT) was used to collect data.

The data then were computed and analyzed by means, standard deviations, T-score, t-test, One-way analysis of Variance and Scheffe's multiple comparison.

The results were as follow

1. The means of physical fitness of the male deaf students was 9.29 seconds for 50-meter sprint, 157.44 centimeters for standing broad jump, 20.65 kilograms for hand grip, 18 times for sit-up, 3 times for pull up and 11.30 Seconds for flexed-arm hang, 12.42 seconds for

shuttle run, 4 minutes 31 seconds for distance run 600 meters and 5 minutes 28 seconds for distance run 1,000 meters and 51.83 for the total physical fitness.

2. The means of physical fitness of the female deaf students was 10.25 seconds for 50-meter sprint, 127.86 centimeters for standing broad jump, 18.03 Kilograms for hand grip, 16 times for sit-up, 6.20 seconds for flexed-arm hang, 13.37 seconds for shuttle run, 3 minutes 44 seconds for distance run 600 meters and 5 minutes 44 seconds for distance run 800 meters, 12.50 centimeters for trunk-forward flexion and 47.25 for the total physical fitness.

3. The means of physical fitness of the deaf students both males and females of 10-11 age group was 10.38 seconds for 50-meter sprint, 126.82 centimeters for standing broad jump, 14.53 Kilograms for hand grip, 16 times for sit-up, 9.34 seconds for flexed-arm hang, 13.44 seconds for shuttle run, 4 minutes 19 seconds for distance run 600 meters, 11.12 centimeters for trunk-forward flexion and 46.74 for the total physical fitness.

4. The means of physical fitness of the deaf students both males and females of 12-13 age group was 9.63 seconds for 50-meter sprint, 145.64 centimeters for standing broad jump, 18.74 Kilograms for hand grip, 18 times for sit-up, 2 times for pull up and 6.58 seconds for flexed-run hang, 12.78 seconds for shuttle run, 3 minutes 36 seconds for distance run 600 meters and 6 minutes 27 seconds for distance run 800 meters and 5 minutes 57 seconds for distance run 1,000 meter, 12.11 centimeters for trunk-forward flexion and 49.46 for the totall physical fitness.

5. The means of physical fitness of the deaf students both males and females of 14-15 age group was 8.89 seconds for 50-meter sprint, 168.38 centimeters for standing broad jump, 27.25 kilograms for hand grip, 18 times for sit-up, 2 times for pull up and 4.33 seconds for flexed-arm hang, 12.03 seconds for shuttle run, 4 minutes 40 seconds for distance run 800 meters and 4 minutes 54 seconds for distance run 1,000 meters 15.33 centimeters for trunk-forward flexion and 54.87 for the total physical fitness.

6. The total physical fitness of the male deaf students were better than those of the female deaf students at .01 level of significance.

7. The total physical fitness of the deaf students both males and females of the 14-15 age group was better than those of the 10-11 age group and those of the 12-13 age group with a level of significance at .01

There was no significant difference of student's physical fitness between the 12-13 and the 10-11 age groups.