THE GIFTED TEST OF ARCHERY ATHLETES BETWEEN THE AGES OF 12-14 THROUGH SPORTS SEARCH

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ABSTRACT

This research uses experimental methods to find out whether the sport search test has a predictive validity or not. The research starts by giving a sums of archery atheletes between the ages of 12-14 a search sports test, to obtain a group of gifted students and non gifted students. There were 31 students found out to be gifted, and 31 students non gifted. After that, both groups of the gifted students and non gifted students were given an initial test to shooting, 36 arrows with a distance of 10 meters. After this test, they given a treatment of archery sports test in 36 meetings for approximately 3 months. Having finished the three months training, they were given the final test to find out the score of the predictive validity. The result revels that (1) Profile of the physical components of the gifted archers between the ages of 12-14 evaluated by Sport Search test are height 157.52 cm, sitting height 79.84 cm, weight 50.00 kg, Arm Range 164.55 cm, Tennis Ball Throw and Catch 11.13 times, Basketball Throw 6.93 meters, Vertical Jump 40.58 centimeters, Agility Run 17.76 seconds, 40 Mt. Run 6.77 seconds, VO$_2$ Max 26.01. (2) the dominant factors in the archery athletes between the ages of 12-14 are as follow; gifted child's height 5.45 cm higher than the child which was not gifted, heavier body weight higher 8 kg, height sitting higher 1.49 cm, arms range higher 8.68 cm, throwing basketballs higher 1.76 cm, agility higher 0.12 seconds. (3) Prestation Profile of gifted archery athletes between the ages of 12-14, increased greater than students who were not gifted. Average value prestation of archery gifted students increased 175.23 while the non gifted students increased only 144.84. (4) Sport Search test has significant predictive validity for assessing one's talent in archery sports, and the validity coefficient is 0.698.