

A STUDY ON CREATIVITY, MOTOR CREATIVITY AND PHYSICAL FITNESS IN DIFFERENT AGE GROUP OF STUDENTS

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ABSTRACT

The purpose of the study was to observe the performance level and the relationship between creativity, motor creativity and physical fitness in different age group of students. The data was collected from the Higher Secondary School namely Madhyamgram High School in the district of North 24 Parganas of the state of West Bengal in India. In this study 150 subjects were selected randomly from 10 – 17 years of age group. Each subject was consisted of four different age group such as 10 – 11 years (class – V), 12 – 13 years (class – VII), 14 – 15 years (class – IX), and 16 – 17 years (class – XI). The criterion measures adopted in this study were creativity, motor creativity and physical fitness. The creativity of the subjects was measured through B. K. Passi test, the motor creativity was measured through M. C. Ghosh test and the physical fitness was measured through AAHPER Youth Physical fitness Test. After collecting data the researcher used the statistical calculation such as mean, S.D., one way ANOVA, t- ratio and correlation. The results of the study indicated that in creativity class – XI students were better than other three groups of students. There were no such differences were found in the mean scores of motor creativity of all four groups. In physical fitness, the students of class – V, VII and XI groups were significantly better than class –IX group. From the co-efficient of correlation between creativity and physical fitness, it was found that class – IX and XI groups were positively related but class – V and class – VII had negative relationship and the correlations for the four groups were found insignificant between creativity and motor creativity. The correlations between motor creativity and physical fitness, it was found that Class – XI was significant at 0.05 level of confidence.