

Samaporn Kokkang 2007: A Construction of Basketball Skill Tests for Matthayomsuksa 3 Students of Ratchananthacharn Samsenwittayalai 2 School Krung Thep Maha Nakhon. Master of Arts (Physical Education), Major Field: Physical Education, Department of Physical Education. Thesis Advisor: Associate Professor Boonsong Kosa, Ph.D. 120 pages.

The objective of the study was to construct Basketball Skill Tests for Mathayomsuksa 3 students, Ratchananthachan Sam Sen College 2. Six items such as movement, quick carry ball, carry ball around the post, ball receiving and sending at the chest level on the wall, shooting the ball and shooting posture. The five experts established the content validity and the forty students were used to test the reliability by using the test-retest method and two evaluators established the tests objectivity. The population was 470 students of Mathayomsuksa 3 of Ratchananthachan Sam Sen College 2 which were 260 male students and 210 female students. The mean, standard deviation, Pearson Product Moment Correlation Coefficient and T-score for normal criteria construction were used in the statistical analysis.

The results showed that the basketball skill tests concerning movement, quick carry ball, carry ball around the post, ball receiving and sending at the chest level on the wall, shooting the ball and shooting posture for male students had a reliability correlation coefficient of 0.99, 0.99, 0.89, 0.88, 0.70, 0.91 which, based on the criteria, meant very good, very good, good, good, accepted and very good, respectively. For female students, the reliability correlation coefficient were 0.97, 0.96, 0.83, 0.8, 0.68, 0.84, which meant very good, very good, good, god, accepted and good, respectively. The tests objectivity for male students were 0.99, 0.98, 0.90, 0.88, 0.72, 0.91 which meant very good, very good, good, god, accepted and good, respectively. The tests objectivity for female students were 0.97, 0.96, 0.83, 0.87, 0.70, 0.84, which meant very good, very good, accepted, good, accepted, good, respectively.

Therefore, the Basketball Skill Tests Constructed was good applicable for Mathayomsuksa 3 students of Ratchananthachan Sam Sen College 2.

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Thesis Advisor's signature

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