

Sugarnda Kongsomros 2010: A Construction of Swimming Skill Rating Scale for Mathayomsuksa 1 Students Piboonbumpen Demonstration School Burapha University. Master of Arts (Physical Education), Major Field: Physical Education, Department of Physical Education. Thesis Advisor: Associate Professor Boonsong Kosa, Ph.D. 139 pages.

The purpose of the research was to construct a swimming skill rating scale in Crawl Stroke, Back Stroke, Breast Stroke and Butterfly Stroke for Mathayomsuksa 1 Students of Piboonbumpen Demonstration School Burapha University. The content validity for qualitative evaluation was judged by 5 experts using the Rovinelli and Hambleton method. Test-retest method was conducted to determine the reliability coefficients during one week interval, and the objectivity coefficients of the tests were established by 2 evaluators, who evaluated 40 students.

The results were as follows: 1) the content validity, reliability and objectivity of Crawl Stroke was 1.00 .97 and .94, respectively; 2) the content validity, reliability and objectivity of Back Stroke, was .92 .95 and .94, respectively; 3) the content validity, reliability and objectivity of Breast Stroke, was .98 .97 and .96, respectively; 4) the content validity, reliability and the objectivity of Butterfly Stroke, was 1.00 .94 and .92, respectively.

It was concluded that the Swimming Skill in Rating Scale for Mathayomsuksa 1 Students, Piboonbumpen Demonstration School Burapha University possessed a satisfactory quality for application to Mathayomsuksa 1 Students, Piboonbumpen Demonstration School Burapha University.

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