

Development of Study Assessment Instruments Large Ball Games on Basketball Materials in Lessons PjOK in Junior High School Students

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Abstract—In 2045, Indonesia will get a demographic bonus of 70% of Indonesia's population. It is expected that with the population at that time Indonesians will be superior, advanced and able to compete with other countries, and mature enough to overcome classic national problems, such as corruption, poverty and so on. The product produced through this research development is in the form of an instrument for evaluating basketball learning outcomes that is in accordance with the characteristics of grade IX junior high school students. This assessment was developed in the process assessment and also assessment of results that will help teachers of Physical Health sports education to assess student skills, when data collection is done when students do physical education learning in school on the Big Ball learning material, namely Basketball. This research was conducted in a school that can be reached by researchers in the city of Medan, North Sumatra Province, namely Junior High Schools. This research is a type of research and development. Research and Development (R&D). Researchers conducted research and development of basketball playing skills test instruments in junior high school subjects in class IX.

Keywords: *instruments large ball games, basketball*

I. INTRODUCTION

In primary and secondary education one of the learning materials carried out in schools is (physical education and sports) or physical education and recreational health, physical education and sports in schools is one of the triggers for national development and sports where sports coaching in schools from an early age can foster students' talents and interests to become outstanding athletes. In its development, the needs of the profession in the world of work are increasingly diverse, including physical education and sports teachers, coaches in sports, sports industry such as fitness centers, sports journalists and also researchers in the field of sports [1]. Many benefits are obtained by doing physical

activities one of which is increased confidence [2]. To maximize the achievement of student learning outcomes must be supported by qualified human resources and adequate infrastructure.

To find out these problems the researchers made observations by developing questionnaires for junior high school teachers in Medan in February 2019, while the results of the analysis of the existing problems. There are 29 physical education and sports teachers in 16 different schools to find out what kind of basketball learning problem is at junior high school level. Broadly speaking, there are 3 focus issues of the questionnaire asked to the teachers, namely facilities, curriculum, learning tools and assessment of learning outcomes.

Basketball is a sport that has been very popular in the world even in Indonesia. Competitions between regions, provinces and even countries are routinely held to look for seeds of superior athletes or just to test how much ability in basketball[3]. Basketball is a game played by two teams, both male and female, each team consisting of five players[4]. Basketball game is played on a rectangular field equipped with rings on both sides of the width of the field. The standard size of a basketball court is 28 m X 15 m, has a penalty area that is 5.80 m from the side of the court's width, and the diameter of the middle circle, and the penalty circle of 3.60 m. The height of the reflection board is 2.90 m, while the ring is 3.05 m (0.15 m from the height of the reflecting board)[5].

From the results of the needs analysis test it can be concluded that there are still physical education teachers in schools who do not carry out the basketball learning outcomes test after the learning ends. Some of the reasons for this are due to the use of quite complicated instruments and from the comments column they say that carrying out the test is difficult and easy. This shows that the instruments used in

schools are not standardized and test implementation is not a mandatory matter so basketball learning in schools does not have clear directions and goals.

The objectives of this study are:

1. Developing an instrument for evaluating basketball learning outcomes in physical education and sports learning in grade IX junior high school.
2. Knowing the validity and reliability of the basketball learning outcomes assessment instrument in physical education and sports learning in class IX junior high school being developed.

The benefits of this research are:

1. Find an instrument for evaluating basketball learning outcomes in physical education and sports learning in class IX junior high school
2. Increasing the knowledge and experience of researchers to formulate and design an instrument for evaluating basketball learning outcomes in physical education and sports learning in class IX junior high school
3. The basketball learning outcomes assessment instrument developed can be used as a guide for teachers to give grades to grade IX junior high school students.
4. As input for other researchers to create innovative teaching materials for learning physical education and sports in schools
5. As motivation in developing creativity that will bring up interesting new ideas in the learning process.

The product produced through this research development is in the form of an instrument for evaluating basketball learning outcomes that is in accordance with the characteristics of grade IX junior high school students. This assessment is developed in the assessment process and also the assessment of results that will help physical education and sports

teachers to assess student skills. This instrument will be tested for its validity and reliability so that it is appropriate to be used to assess the learning outcomes of grade IX junior high school students

II. METHOD

In this study researchers used research and development methods or better known as Research and Development **Research and Development** Methods are **research** methods used to produce certain products, and test the effectiveness of these products[6].

III. RESULTS AND DISCUSSION

This research is a development research that refers to development research developed by Borg and Gall. Development research is used to produce certain products and test the effectiveness of the product by conducting experiments on several samples. The product developed was a process assessment instrument and also the result of basketball playing skills in physical education and sports subjects in junior high school IX class.

This research was conducted in October to November 2019. The time of data collection was carried out when

students did physical education learning at school on Big Ball learning material, namely Basketball.

This research was conducted in a school that can be reached by researchers in the city of Medan, North Sumatra Province, namely Junior High Schools, especially class IX. This research is a type of research and development or Research and Development (R&D). According to [7] **research and development** are **research** methods used to produce certain products, and test the effectiveness of these products. Defines research and **development** as a research approach to produce new products or improve existing products[8]. The research instrument used to obtain data in this study consisted of instruments used by experts to test the basketball playing skills test instrument in grade IX junior high school students. So **research development is a research method used to produce certain products or improve existing products and test the effectiveness of these products.** Development Design According to Borg and Gall[9]:

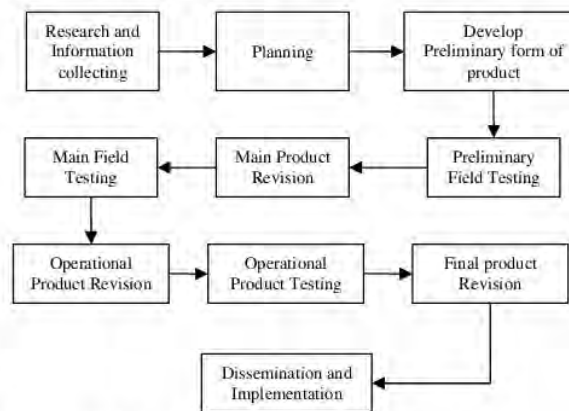


Fig. 1. Development Design According to Borg and Gall

IV. CONCLUSIONS

This research was conducted in a school that can be reached by researchers in the city of Medan, North Sumatra Province, namely Junior High Schools. Researchers conducted research and development of basketball playing skills test instruments in junior high school subjects in class IX.

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