

# Learning Stages Issues Identification in Implementing of Learning Process by Physical Education Teachers in High School

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**Abstract**—This study aimed to find out the problems faced by the physical education teacher at senior high and vocational high school and find out alternative solutions used by physical education teachers. This study uses descriptive qualitative research design. The data collection was done by using a closed questionnaire, while the percentage calculation using the technique. The results showed that there were some problems in senior high and vocational high school consisting of: 1) the lack of figures the percentage of teachers who drafted the implementation of learning, 2) infrastructure are categorized still lacking in terms of quality, 3) some teachers do not convey back the material that is less complete, in accordance with the curriculum.

**Keywords**—Identification, learning phases, Physical Education.

## I. INTRODUCTION

This study was based on some of the problems in the implementation of learning that are often faced by the physical education teacher senior high and vocational high school level. Based on the results of the study encountered some problems encountered by researchers. Such problems include lesson plans, supporting infrastructure of learning and evaluation. The problems encountered are distributed over the physical education teacher in class X and XI in high school and vocational school. As for the problems experienced during the learning plan is the large number of teachers who did not prepare a percentage of RPP (Lesson Plan) before the learning begins, RPP has an important role in the implementation of learning should be prepared before the lesson begins. Ideally RPP must have been prepared from before the learning process begins, it is explained in [7] stated that every teacher is obliged to draw up a complete lesson plan.

There are also problems in the aspect of infrastructure in high school and vocational high school, which is less comprehensive infrastructure in part of high school and vocational high school whose infrastructure is still considered less comprehensive in the context of quality. senior high and vocational high school especially those far from the city or the countryside. [8] concerning the learning infrastructure of physical education subject areas. Specific areas of physical

education in question are the tools and infrastructure that keep the implementation of the main points of discussion contained in the physical education curriculum,

In addition to planning and infrastructure investigators also encountered problems in the evaluation of learning, learning evaluation function to find out where the problems or shortcomings in the teaching and learning process and should be done in a sustainable manner to achieve the desired goal, but the researchers found the condition of the field that the evaluation does not continue to be done or not be sustainable.

## II. METHOD

This research using quantitative descriptive research method by distributing the surveys with a research instrument questionnaire form to a physical education teacher at senior high and vocational high school then the data obtained will be processed into a percentage and put in a category criteria. The population in this study is a physical education teacher in class X and XI senior high and vocational high school 2019-2020 academic year with the number of teachers 40 people.

This research use a questionnaire or enclosed questionnaire. [4] states that the research instrument is a tool that can be used to collect data for troubleshooting purposes of research or achieve the research objectives. The content of this questionnaire form of identification of the problems encountered in the implementation of physical education teachers in senior high and vocational high school learning. Charging is done by filling the questionnaire answers by selecting answer, always has meaning always do, often do, sometimes do, never did. To facilitate the conclusion of the results the percentage of respondents that defined the classification criteria for interpreting the data interpretation scores in five categories that can be seen in Table 3.1 below:

**Table 1. Criteria Interpretation score**

No.	Percentage	Predicate
1	81-100%	Very good
2	61-80%	Well

3	41-60%	Enough
4	21-40%	Less
5	0-20%	very very
<b>Range 15%</b>		

(Source : [2])

### III. RESULT

On the results of loading data and findings obtained from the research questionnaire identification of problems faced by the physical education teachers in the implementation of learning senior high and vocational high school.

#### Related Issues Planning and Implementation

Based on the results of this research is that there is a problem in senior high numbers on the percentage of aspects of the planning and implementation of learning that 10% of teachers who answered the answer is always and 30% frequently make learning tools such as lesson plans, it is included into the category of less according to the interpretation table. As for the aspects of planning and implementation of learning the other was not found indications of significant problems. The answer is taken from questionnaires filled out by a physical education teacher in class X and XI at vocational high and senior high school.

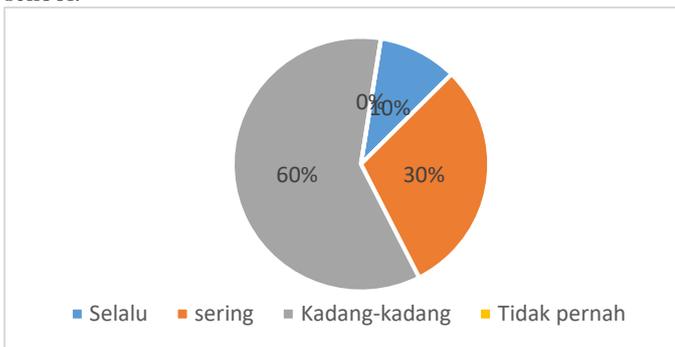


Fig. 1 The Result Related Issues Planning and Implementation

#### Related Problems Education Supporting Infrastructure

Based on the learning aspects of the supporting infrastructure can be seen that the biggest problem there is the aspect of infrastructure problems as supporting learning by physical education teachers are still lacking in terms of quality. Physical education teacher at senior high and vocational high school answered 27.5% to always or very good and 15% answered frequently or better in terms of quality of infrastructure, it is included into the category of less according to the interpretation criteria table. As for the other aspects of infrastructure there are also a senior high percentage of the problem but a problem that can cause problems in learning. The answer is taken from questionnaires filled out by a physical education teacher in class X and XI at vocational high and senior

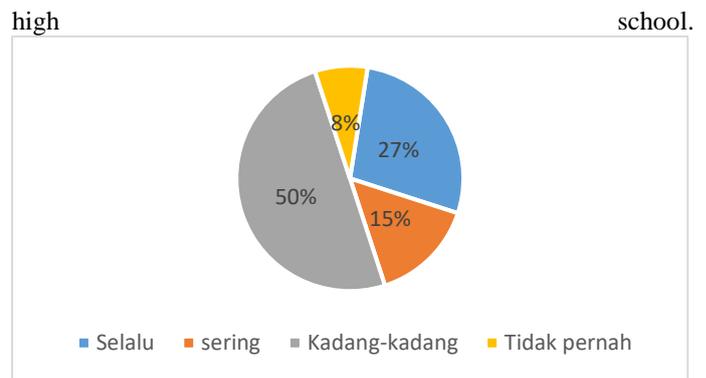


Fig. 2 The Result Related Problems Education Supporting Infrastructure

#### Learning Evaluation Related Problems

Based on the aspects related to the evaluation of learning the above it can be seen that the biggest problems are at 7.5%, the teacher answered always deliver material that is less complete, and answers to frequently reach 17.5% this percentage included into the category very less according to the interpretation criteria table. While other aspects of the evaluation problem not encountered any problem with a large percentage or not found indications of problems. The answer is taken from questionnaires filled out by 40 teachers of physical education classes X and XI at vocational high school and senior high school.

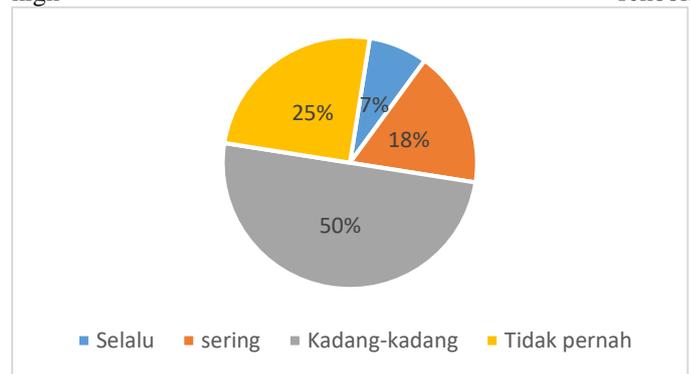


Fig. 3 The Result Learning Evaluation Related Problems

#### Related Solutions Alternative Learning Methods

Based on the research that has been done to 40 teachers of physical education in senior high and vocational high school shows that most teachers use alternative solutions that provide an example when teaching to help students receive the material that is the number percentage of 50%, the figures were categorized into fairly according to the table of criteria interpretation [2]. As for other aspects there is no result a significant percentage used by physical education teachers.

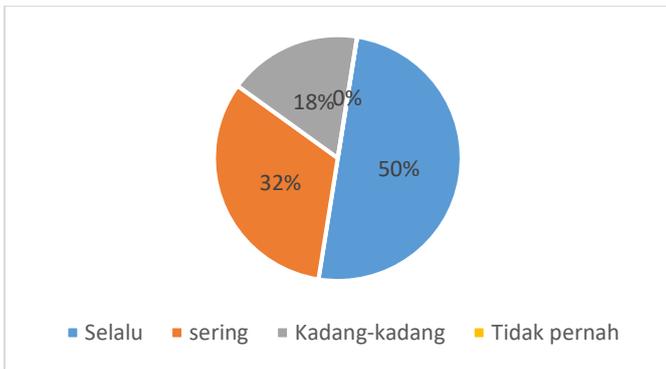


Fig. 4 The Result Related Solution Alternative Learning Methods

**Alternative Solutions Supporting Infrastructure Related Learning**

Based on research that has been done to 19 schools senior high and vocational high school shows that most physical education teachers using beberapa alternative solutions such as 22.5% said always and 40% answered frequently using a modification of the infrastructure so that it can be used in accordance with the number of students. Based on alternative solutions used by physical education teachers into the category percentages show sufficient according to the interpretation criteria table. As for other aspects there is a significant percentage.

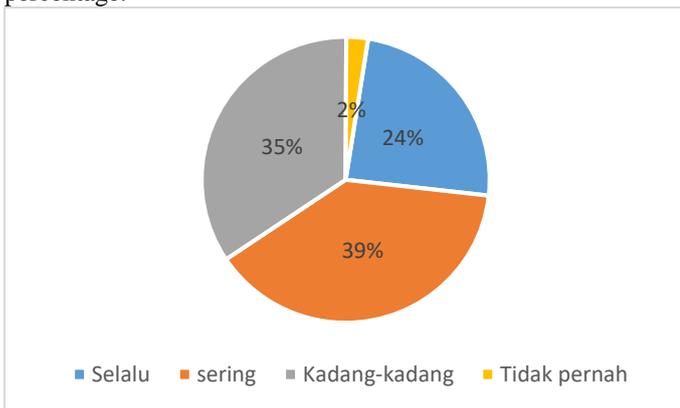


Fig. 5 The Result Alternative Solutions Supporting Infrastructure Related Learning

**Alternative Learning Materials Related Solutions**

According to the table and pictures above we can conclude that the majority of physical education teachers in senior high and vocational high school using an alternative solution in the form of 50% of teachers answered always prepare lesson plans along with other physical education teachers in order to make it easier to write lesson plans (RPP) and 47.5% often prepare their lessons along with other physical education teachers, the answer is included into the category quite according to the interpretation criteria score table. While other aspects that show a significant percentage or influential.

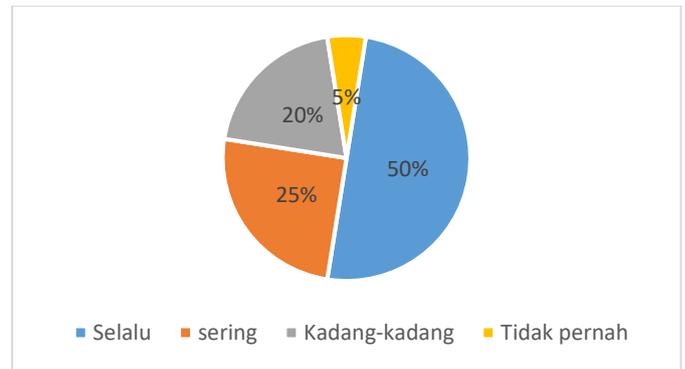


Fig. 6 The Result Alternative Learning Materials Related Solutions

**IV. DISCUSSION**

Based on the results of the previous discussion of the problems faced by the physical education teacher senior high and vocational high school, the research looking for problems that are often encountered by a physical education teacher and alternative solutions that do physical education teacher. Based on data from the findings of the field to the problems faced by teachers are translated into three indicators, namely (1) the implementation of learning (2) Means of learning support infrastructure (3) evaluation of learning. While alternative solutions can be translated into three indicators such as (1) Learning Method (2) Alternative Solutions and Related Infrastructure (3) Learning Materials.

**Learning implementation**

The results showed 10% of the data is a teacher who answered the answer is always and 30% frequently make learning tools such as lesson plans, according to the criteria of interpretation score table is sourced from [2] figure of 40% is included in addition to the predicate [7] that every teacher obliged to prepare a complete lesson plan. other than that [5] found observed that few teachers who are skilled in enabling children to find meaning in physical education, 'and almost no one in the professional preparation program were trained to do well'.

It can be concluded that the RPP is an obligation that must be drawn up by each teacher so that the learning objectives can be achieved with the maximum and appropriate.

**Infrastructure Supporting Learning**

About 50% of teachers in senior high and vocational high school feel that the infrastructure is there in their schools was insufficient both in quantity and quality, and 7.5% said their school's infrastructure is very insufficient in terms of quality, can be seen in some school infrastructure such as a sandbox still rare, and especially the pool on all senior high and vocational high school still hiring in public pools. This happens due to lack of land or budget to do the development. 15% and 27.5% answered that the infrastructure is sufficient, the figure is still not enough can be said according to the interpretation criteria table [2] score. [8] concerning the learning infrastructure of physical education subject areas. Specific areas of physical education in question are the tools and infrastructure that keep the implementation of the main points of discussion contained

in the physical education curriculum. While [11] found educational success is influenced by all components of education. Components that affect educational success include infrastructure, teachers, students, and teaching models accordingly.

[3] found the quality of school infrastructure provided in schools is decentralized, is superior centralized schools. With so their supporting infrastructure will improve learning outcomes as intended, but must also be accompanied by the performance of teachers and of school in order to maximize the existing learning.

### **Evaluation of Learning**

The results of recent research that has been done can be described as follows 7.5% answered always make the evaluation by conveying the material that is less complete and 17.5% answered frequently. Evaluation has a great function in the world of education by evaluating each individual can find out shortcomings or mistakes that have been done so that it can be fixed on the other day, in addition to improving the evaluation can also provide additional material that has not been conveyed or forget to be submitted so as to minimize errors. [10] evaluation activities to achieve objectives of the evaluation should be conducted continuously.

[1] evaluations aim to improve the teaching and learning process. Besides [7] explained that evaluation of the learning process carried out to determine the quality learning as a whole, including the stage of planning process learning, the implementation of the process of learning, and assessment of results learning. [12] physical literacy and self-efficacy of teachers can be considered as the main determinant of effective teaching which in turn affects the motivation and participation of students in regular PA. It can be concluded that the evaluation should not be done to the students, but also can be made to the teacher that aims to correct and improve the performance of teachers and the education system.

### **Related Solutions Alternative Learning Methods**

Physical education teacher at senior high and vocational high school answered 50% always and 32.5% often give examples when teaching to help students receive materials. [9] ecological dynamic approach is a remarkable way to understand the movement which is the way of innovation to study and investigate the problem in the interpretive key gestalt / phenomenology.

### **Alternative Infrastructure Related Solutions**

Physical education teacher at senior high and vocational high school answered 52.5% often and 25% always modify the game so as to adjust the infrastructure and physical education teacher at senior high and vocational high school answered 40% answered frequently and 22.5 always modify the

infrastructure so that it can be used in accordance with the number of students.

[6] curriculum, age-appropriate equipment, teaching techniques, etc. Should be introduced in all schools to make children engage in physical activity at least 60 minutes per day.

### **Alternative Materials Related Solutions pembelajaran**

Physical education teacher at senior high and vocational high school answered more than 50% always and 25% answered frequently prepare lesson plans along with other physical education teachers, [6] the physical education program should be one of the main subjects in the school curriculum for physical educators have a major role to play at the grassroots level to educate a child to become a professional potential and highly skilled.

## **V. CONCLUSION**

The results showed that there were some problems in senior high and vocational high school consisting of: 1) the lack of figures the percentage of teachers who drafted the implementation of learning, 2) infrastructure are categorized still lacking in terms of quality, 3) some teachers do not convey back the material that is less complete, in accordance with the curriculum. Based on the results of the study also found the findings as physical education teachers to use alternative solutions such as 1) provide an example or demonstration to help students receive the material, 2) modify the game so that it can adjust to the facilities and infrastructure, 3) modifying the infrastructure so that it can be used in accordance with the number of students, 4) develop the RPP along with other physical education teachers.

## **REFERENCES**

- [1] Anwar, M. (2018). No Title. In *Becoming Teachers*. Jakarta: Prenadamedia group.
- [2] Arikunto, Suharsimi. (2008). *Research procedure*. Jakarta: Rineka Reserved.
- [3] Ikoya, PO (2008). Centralization and decentralization of schools' physical facilities management in Nigeria. *Journal of Educational Administration*, 46 (5), 630-649. <https://doi.org/10.1108/09578230810895537>
- [4] Kurniawan, R., Winarno, ME, & Dwiyo, WD (2018). Learning Evaluation of Physical Education, Sport and Health in High School Students Using Model Countenance. *Journal of Education: Theory, Research, and Development*, 3 (10), 1253-1264.
- [5] Ní Chróinín, D., Fletcher, T., & O'Sullivan, M. (2018). Pedagogical principles of learning to teach physical education meaningful. *Physical Education and Sport Pedagogy*, 23 (2), 117-133. <https://doi.org/10.1080/17408989.2017.1342789>
- [6] Ningthoujam, R., & Nongthombam, B. (2017). *Innovative Teaching Methods in Physical Education*

- for Better Learning. *International Journal of Current Research and Review*, 9 (16).  
<https://doi.org/10.7324/ijcrr.2017.9162>
- [7] Regulation of the Minister of National Education of the Republic of Indonesia. No Title. , Pub. L. No. 41 (2007).
- [8] Regulation of the Minister of National Education of the Republic of Indonesia. No Title. , Pub. L. No. 24 (2016).
- [9] Raiola, G., & Tafuri, D. (2015). Teaching method of physical education and sports by prescriptive or heuristic learning. *Journal of Human Sport and Exercise*, 10 (Specialissue), S377-S384.  
<https://doi.org/10.14198/jhse.2015.10.Proc1.28>
- [10] Riwu, B. (2017). No Title. *Physical Education Teacher Performance in Enhancing Student Achievement In Physical Education Sports and Health*.
- [11] Suardi. (2013). *Introduction: Theory and Applications*. Jakarta: PT index.
- [12] Sum, KWR, Wallhead, T., Ha, SCA, and Sit, HPC (2018). Effects of physical education, continuing professional development on teachers' physical literacy and self-efficacy and students' learning outcomes. *International Journal of Educational Research*, 88 (September 2017), 1-8.  
<https://doi.org/10.1016/j.ijer.2018.01.001>.