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## Modification of Learning Strategy: Current Conditions of Independent Curriculum Adaptive Physical Education Learning at Tamanwinangun State Special School

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### Abstract

The aim of this study is to evaluate the current situation of adaptive physical education learning using the Merdeka Curriculum. The research method used was qualitative with a phenomenological approach, involving a number of adaptive physical education (APE) teachers who were active at Tamanwinangun Kebumen State Special School as respondents. Data collection instruments consist of documentation sheets, observations and unstructured interviews. The results of the research show that physical education teachers observe that the lack of implementation can provide input to improve the implementation of adapted adaptive physical education learning in special schools, so that the obstacles faced can be overcome effectively. Data analysis is presented in four dimensions, namely the dimensions of learning models, learning methods, learning media, and learning facilities and infrastructure. However, the use of observation rubrics in analyzing results is not yet fully standardized. In conclusion, adaptive physical education learning at the Tamanwinangun Kebumen State SLB which uses the independent curriculum is carried out by considering the students' needs and situations.

**Keywords:** Adaptive physical education, SLB, independent curriculum

### INTRODUCTION

With exists School Outside Ordinary (SLB), children with need special can Study together in group that has characteristics specifically, so education they can optimized. Therefore it can concluded that important for give the same opportunity to every children who have need specifically for them can accept equal education and teaching. Every child need special own the same rights For get education and assistance addition in life them, especially in field education. Service education to children need special confirm principle equality rights, which are proven with exists School Outside Ordinary (SLB) available,

Physical education adaptive is form modification from education physical, sports and health (PJOK), which includes change in form sports, equipment, design learning, and even the curriculum. Physical education basically is a learning process that utilizes activity physique to use produce change comprehensive in quality individual, includes aspect physical, mental and emotional (Taufan et al., 2019) Physical education should treat child as a unity intact, right? only consider quality physically and mentally

separated. By basic, with utilise movement body human, education physical can too facilitate development mental and moral aspects .

Quality education and educators must willing open self as part from institution education available role as well as give contribution real to achieve objective together in the era of revolution industry 4.0 (Fitria & Budi, 2023)Medium curriculum applied moment This is Independent Curriculum. Learning program in The Merdeka Curriculum was designed based on need actual children moment this, with objective create generation that has appropriate personality with Pancasila values (Budiman & Pasundan, 2023). Follow trend developments over time, for reach success, the role of the teacher as mover main student very important. In the Merdeka Curriculum, for student School Outside Ordinary (SLB), skill become focus main. This matter Because approach his learning designed for increase independence, so that students prepared for become ready graduates work and have skills entrepreneurship.

In context education physical adaptive, the goal is For help student understand draft movement people and ways carry out movement in a way safe, efficient and effective . Students who have need special often have limitations in ability motion moment follow lesson education physical. As a teacher, important thing to do noticed in teach education physical adaptive is give clear instructions and easy signals understood by students . However , in implementation , implementation learning education physical adaptive for student need special with use Independent Curriculum still need development and modification , both in in terms of learning models , methods , media, and facility learning .

Based on study The preliminaries will be held on March 6 2024 at the Tamanwinangun State SLB Kebumen , where is the author do interview with education teacher physical adaptive (APE) , known that implementation Merdeka Curriculum is implemented For all level in 2024 . Therefore that , based on information obtained from the APE teacher , author interested For know development latest in implementation learning education physical adaptive use Independent Curriculum . For get more understanding deep about condition moment This in learning education physical adaptive use Independent Curriculum at Tamanwinangun State SLB Kebumen , research more carry on need done For answer problem the .

#### **METHOD**

Method research used is descriptive qualitative . Objective from study qualitative is For explore information with natural way For give in -depth picture about events that have occurred happen . In method this , researcher role as instrument main , and election

source person done with consider various factors (Fadli, 2021). Approach This chosen Because suitable with type research conducted , where the focus is on disclosure experience subjective or phenomenological experience experienced by participants . Participants in study This is an education teacher physically at Tamanwinangun State Special School Kebumen . Retrieval technique sample , which is deep study qualitative called resource person , carried out through purposive sampling. (Ani et al., 2021) explain that purposive sampling is method taking samples that do not based on random , area , or stratum, but more focuses on considerations certain appropriate ones with objective study . Deep data analysis study phenomenology done with use approach descriptive . Steps in analysis started from data collection , data reduction , data presentation , data verification , and finally withdrawal data conclusions (Miles et al., 2014). In context study This is a consideration the is that source person is a teacher who teaches education physical adaptive (APE) at Tamanwinangun State SLB Kebumen .

#### Tools and materials

Data Collection Tools or information that will used in study This originate from two source , that is primary and secondary data sources . Primary data will collected through observation directly and interview with subject research (Creswell & Creswell, 2018). Temporary that is , secondary data sources will obtained through documentation . Instrument documentation used For give description concrete about participation student in the learning process and for strengthen existing data obtained . Documentation refers to a collection of related physical files with past events , such as writing, pictures , and recordings history individual . Documentation process covers collection , processing , storage , discovery return , and deployment document (Fraenkel et al., 2019). Documentation sheet is one of method collecting data that refers to past events . Content of sheet documentation can covers information confidential and non- confidential , such as teaching modules , syllabi , and so on. Observation sheet will designed use scale assessment , ie tool measurements that produce deep data form number For Then interpreted in a way qualitative .

Table 1. Sheet grid Observation , Documentation , and Interview No Structured .

No	Dimensions	Indicators	Items
1.	Learning model	Learning Model Used	Knowledge related to the Learning Model Used
		Learning model Often Used	Knowledge of Learning Models Often Used
2.	Method Learning	Method Learning Used	Knowledge Used
		Method Learning Often Used	Knowledge related Method Learning Often Used
3.	Instructional Media	Learning Media Used	Knowledge related to the Learning Media Used
		Instructional Media Often Used	Knowledge related to Learning Media

4.	Infrastructure	Infrastructure Learning Used (offline & online)	Often Used Knowledge related to Learning Facilities & Infrastructure Used (offline & online)
		Infrastructure Learning Often Used (offline & online)	Infrastructure Learning Often Used (offline & online)

Source: Primary Data

## RESULTS AND DISCUSSION

### Results

In collecting data in research This use four dimensions namely : Dimensions First Learning Model , Dimensions Second Method Learning , Dimensions Third, Learning Media , and the fourth Dimension are Facilities and Infrastructure . As well as on four dimensions each of them includes two indicator .

### Dimensions of Learning Models

Learning model refers to a strategy or format that can used For designing curriculum ( plan learning ), with objective increase effectiveness activity learn how to teach (Khoerunnisa & Aqwal, 2020). In study This done with method observation of the learning process education physical , sports and health as well as do interview to the eye teacher lesson education adapted physique . Dimensions of learning models covers two indicator namely the learning model used and indicators related to frequent learning models used .

#### 1. Indicators of the Learning Model Used In APE Learning

In the learning model used in learning adaptation to research This showed from results interview with educational teachers physical adaptive (APE). The APE teacher with the initials TR States at least through observation , like statement following :

" For curriculum used in the year lesson This in all level use curriculum merdeka.Modules used almost The same with the RPP which is in it his there is method even material there are books too there all. For Tamanwinangun State Special School Kebumen So curriculum follow ability students , because at this SLB have category class that is class A for disabled person Visually impaired , class B for disabled person deaf , class C for disabled person mentally retarded , class D for disabled person quadriplegic , class E for disabled person tunalaras , and class F for disabled person Autism . For learning models Because there is category class disabled person disability I using a learning model straight away , think critical , and discovery learning."

So in conclusion from results interview indicators of the learning model used by APE teachers adapt Curriculum used For this year 2024 in all level Already use Independent Curriculum . APE teachers use learning models straight away , think critical

, and discovery learning for learning in accordance listen limitations communication at each disabled person his disability .

## **2. Indicator Related to Frequent Learning Models Used .**

In indicators related to frequent learning models used in research This showed from results interview with educational teachers physical adaptation (APE) . The APE teacher with the initials TR States at least through observation , like statement following :

" Like what is said we did use Curriculum independent For all level at Tamanwinangun State SLB Kebumen . Modules used almost similar with the RPP, which contains method learning and materials as it is in book . Modules are also expected have the same details with RPP, incl procedure implementation learning and assignments project student . Curriculum 13 versions latest only consists from One sheets , so that the learning process Possible difficult understood by people who read it , except teachers who have understand material the . With use module , learning process become more structured . With follow module , us can know direction learning and who is the target of learning . Change This only about change the name and learning model .. because limitations communication with student I often using a learning model direct ."

So in conclusion from results interview indicator related to frequent learning models used by APE teachers is a learning model like module used No different with 2013 curriculum however For curriculum independent module more directed For method delivery For learning more often using a learning model straight away .

## **Dimensions Method Learning**

Method learning is a strategy or techniques used by a teacher or teacher in the teaching process For makes it easier understanding and understanding material presented to participant educate (Anjani et al., 2020). In the learning process Lots method used as a supporting process learning . Study This done with observe method learning education physical , sports and health as well as do interview to the eye teacher lesson education adapted physique . Dimensions method learning student covers two indicator that is method APE learning and indicators related method learning in accordance with plan APE learning .

### **1. Indicator Method APE Learning**

In method learning used in learning adaptation to research This showed from results interview with educational teachers physical adaptation (APE) . The APE teacher with the initials TR States at least through observation , like statement following :

" Especially at Tamanwinangun State Special School Kebumen method delivery material to participant educate use four method in accordance what is taught in the module , the methods used there are 4 , namely discussion , demonstration , simulation , and reciprocity ."

So in conclusion from results interview indicator method learning used by APE teachers adapts based on teaching modules that have been made . APE teachers use method learning discussion , demonstration , simulation , and reciprocity For support learning at Tamanwinangun State SLB Kebumen .

## **2. Indicator Related Method Learning APE Learning**

In indicator related method learning used in research This showed from results interview with educational teachers physical adaptation (APE) . The APE teacher with the initials TR States at least through observation , like statement following :

" For frequent method I use is method where 's the demonstration ? teach with method demonstrate or explain something material , good in a way direct nor through use of teaching media more relevant with principal discussion or material presented . "

So in conclusion from results interview indicator related about method learning used by APE teachers is method frequent learning used is method demonstration Because method demonstrate or explain something material more relevant with principal discussion or material presented .

## **Dimensions of Learning Media**

Instructional Media is all object or tools that can used For communicate message or information during the teaching and learning process , with objective For interesting attention and interest student in the learning process (Junaidi, 2019). For reach success in the learning process , important for student For involved active with utilize the media used as tool support learning . Study This done with observing learning media education physical , sports and health as well as do interview to the eye teacher lesson education adapted physique . Dimensions of learning media student covers two indicator namely supporting media APE learning and indicators related to learning media in accordance with plan APE learning .

### **1. APE Learning Media Indicators**

In the learning media used in learning adaptation to research This showed from results interview with educational teachers physical adaptation (APE) . The APE teacher with the initials TR States at least through observation , like statement following :

" For the learning media we use return Again because we exist category my learning media class use such as audio-visual, audio and visual learning media . "



So in conclusion from results interview indicators of learning media used by APE teachers adjust category classes at the Tamanwinangun State SLB Kebumen . APE teachers use audio-visual, audio and visual learning media for support learning .

## **2. Indicator Related to Learning Media Frequent APE Learning Used**

In indicator related to the learning media used in research This showed from results interview with educational teachers physical adaptation (APE) . The APE teacher with the initials TR States at least through observation , like statement following :

" Return children at Tamanwinangun State Special School Kebumen more easy understand with method demonstration Where to use audio visuals ? the material presented , I take from materials on social media like Youtube and create materials on Canva."

So in conclusion from results interview indicator related to frequent learning media used by APE teachers is a frequent learning medium used in present and deliver material more easy use method demonstration at a time using audio visual learning media

## **Dimensions of Facilities and Infrastructure**

Facilities and infrastructure learning is component important in source Power education is a must managed with good , and is an integral part of management education that is not can separated (Bararah, 2020). Facilities as well infrastructure education is component important in management education that has role crucial in the learning process . Existence means education No can ignored Because his abilities in increase understanding student to the material taught , so create a learning process become more optimal and efficient ... Study This done with observe facilities and infrastructure learning both offline and online education physical , sports and health as well as do interview to the eye teacher lesson education adapted physique . Dimensions of learning media student covers two indicator that is facilities and infrastructure both offline and online APE and indicator learning related facilities and infrastructure both offline and online are appropriate with plan APE learning .

## **1. Indicators of Facilities and Infrastructure (Offline/Online) for APE Learning**

For facilities and infrastructure learning used in learning adaptation to research This showed from results interview with educational teachers physical adaptation (APE) . The APE teacher with the initials TR States at least through observation , like statement following :

"Facilities and infrastructure Physical education at Tamanwinangun State Special School Kebumen has fulfilled with Good at each category disabled person disability , for tool sport The same like school in general But For regulation the game modified at each category disabled person disability For makes it easier learning ."



So in conclusion from results interview indicator facilities and infrastructure learning used by APE teachers adapts category classes at the Tamanwinangun State SLB Kebumen . APE teachers use facilities and infrastructure learning The same like at school generally but regulation the game modified For makes it easier learning .

## 2. Indicator Regarding Facilities and Infrastructure (Offline/Online) for APE Learning

In related facilities and infrastructure learning used in research This showed from results interview with educational teachers physical adaptation (APE) . The APE teacher with the initials TR States at least through observation , like statement following :

"Facilities and infrastructure Physical education at Tamanwinangun State Special School Kebumen is used for online or online learning usually I more give task with using social media such as WA, Zoom, Google Classroom, and Google meet for interact with student for example I There is interest or other things don't Can abandoned ."

So in conclusion from results interview indicator related facilities and infrastructure online learning used by APE teachers is facilities and infrastructure more learning to frequent online learning used in present and deliver material more easy use using social media .

## Discussion

Importance develop and modify planning learning especially seen in the adopted curriculum from learning sport general . With adapt learning physical this , researchers and teachers can identify ability as well as obstacles faced by students . This matter possible participation all student in activity exercise and make sure that all student can follow learning with effective . Study This use four dimensions in data collection , namely : Dimensions First Learning Model , Dimensions Second Method Learning , Dimensions third, Learning Media , and Dimensions fourth Facilities and Infrastructure Learning .



Figure 1. Dimensions Modification of Learning Strategies  
Source: Primary data

### Dimensions of Learning Models

The learning model applied in the learning process often using a learning model direct . Mods , esp to part method teach , do necessary in frame development or adjustment with need (Khoerunnisa & Aqwal, 2020). Modification of learning models show Physical Education teacher efforts Adaptive (APE) in adapt learning For student . Although Thus , there is innovation in use rubric ongoing observations need improved For ensure modification of comprehensive and appropriate learning strategies .

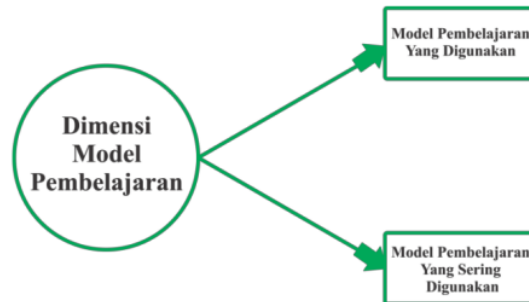


Figure 2. Model Dimensions Learning  
Source: Primary data

Research result related dimensions of learning models show effort For adapting the learning strategies used and improving the learning process learning model frequent students used in context customized learning with circumstances moment This . In the Physical Education learning model Adaptive at school outside normal , the teacher has prepare teaching module that contains material physical education will taught . Learning Physical education at SLB has characteristics unique where every individual accept different materials , because every material customized For increase ability motor part affected body or own shortcomings , however material provided still in accordance with standard Independent Curriculum in Indonesia.

### Dimensions Method Learning

Method teaching refers to the approach used by teachers in interact with student during the teaching process taking place (Kumalasari & Sormin, 2019). Method applied learning in the learning process often use method learning demonstration . Modification method learning show Physical Education teacher efforts Adaptive (APE) in adapt learning For student . Although Thus , there is innovation in use rubric ongoing

observations need improved For ensure modification of comprehensive and appropriate learning strategies .

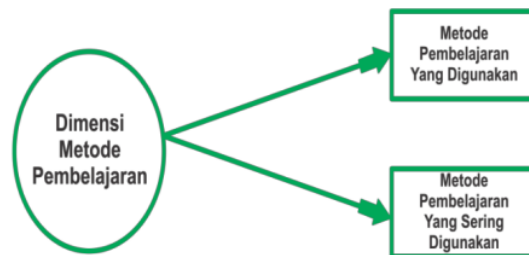


Figure 3. Dimensions Method Learning  
 Source: Primary data

Research result related dimensions method learning show effort For adapting method strategies learning tyang use and improve method process frequent learning used student in context customized learning with circumstances moment This . In method Physical Education learning Adaptive at school outside normal , the teacher has prepare method learning in accordance teaching modules that have been made containing material physical education will taught . Learning Physical education at SLB has characteristics unique where every individual accept different materials based on method learning , because every material customized For increase ability motor part affected body or own shortcomings , however method used For material provided still in accordance with standard Independent Curriculum in Indonesia.

#### Dimensions of Learning Media

Use of learning media hold role important in supports the learning process teach , with inner teacher creativity utilize learning media , materials learning can served in a way interesting so that can motivating student For active and enthusiastic in follow lesson (Santoso, 2019). The learning media applied in the learning process often using audio visual learning media . Modification of learning media show Physical Education teacher efforts Adaptive (APE) in adapt learning For student . Although Thus , there is innovation in use rubric ongoing observations need improved For ensure modification of comprehensive and appropriate learning strategies .

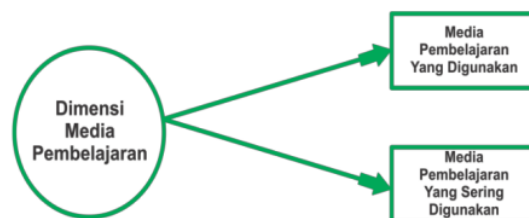


Figure 4. Dimensions of Learning Media  
Source: Primary data

Research result related dimensions of learning media show effort For adapting the learning strategies used and improving the learning process student in frequent learning media contexts used customized with circumstances moment This . In Physical Education learning media Adaptive at school outside normal , the teacher has prepare learning media in accordance teaching modules that have been modified containing material physical education will taught . Learning Physical education at SLB has characteristics unique where every individual accept different materials based on learning media , because every material customized For increase ability motor part affected body or own shortcomings , but the learning media used For material provided still in accordance with standard Independent Curriculum in Indonesia.

#### Dimensions of Facilities and Infrastructure Learning

Need will facilities and infrastructure at school varies depending on the level education provided (Kartika et al., 2019). Facilities and infrastructure applied learning in the learning process The same like at school generally but regulation the game modified For makes it easier learning . Modification facilities and infrastructure learning show Physical Education teacher efforts Adaptive (APE) in adapt learning For student . Although Thus , there is innovation in use rubric ongoing observations need improved For ensure modification of comprehensive and appropriate learning strategies .

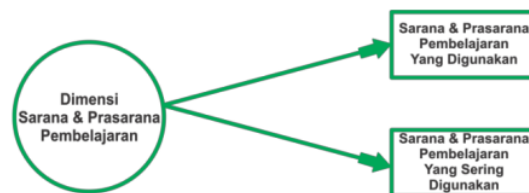


Figure 5. Dimensions of Facilities and Infrastructure Learning  
Source: Primary data

Research result related dimensions facilities and infrastructure learning show effort For adapting facilities and infrastructure strategies learning used and improving the learning process student in context facilities and infrastructure frequent learning used customized with circumstances moment This . In facilities and infrastructure Physical Education learning Adaptive at school outside normal , the teacher has prepare facilities and infrastructure learning both offline and online are appropriate teaching modules that have been made containing material physical education will taught . Facilities and infrastructure Learning Physical education at SLB has characteristics unique where every

individual accept different materials based on material learning , because every material customized For increase ability motor part affected body or own shortcomings , however facilities and infrastructure used For material provided still in accordance with standard Independent Curriculum in Indonesia.

### **CONCLUSION**

Research results and analysis show that moment This is an adjustment learning physical education adaptive use curriculum independent involve four dimensions . First , deep dimensions of learning models students , concluded that the teacher has adapting learning models visible students in APE learning , though Not yet use rubric observation standard for learning models . Second , deep dimensions method learning , concluded that teachers face constraint in adapt modification method learning For every category class disabled person disability , and often use method demonstration in every learning . Third , deep dimensions of learning media , concluded that teachers don't always use rubric observations that have not been made standard or validated , and sometimes Still follow practice school conventional without renew Curriculum Independent . Fourth , deep dimensions facilities and infrastructure , aspects modification learning in accordance with Teaching modules are created , but teachers are not always use rubric observations that have not been made standard or validated , and sometimes Still follow practice school conventional without renew Curriculum Independent . Based on conclusion study this , researcher state a number of implications . Result of apply education physical adaptive at school outside normal can become indicator is implementation learning the walk with Good . Besides that , research this also has mark as study scientific For development knowledge education in the future . Although so , researchers confess exists limitations and shortcomings in study This . For example , no exists study direct towards the learning process adapted physicality , and use four dimensions research and questionnaires as the only one tool data collection , which is possible produces data that does not complete . Contribution For study furthermore is notice limitations the . For example , researchers furthermore recommended For do more research broad order of influencing factors modification learning physical education at school outside normal can identified in a way comprehensive . Besides that's the lack of it implementation can give input For increase implementation learning Physical education adapted at school outside normal , so shortcomings and obstacles faced can overcome with effective. For the Department of Education, results study can used as material evaluation and for effort development

source Power man through counseling , training and educational seminars adapted physique.

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