



Knowledge Level of Elementary School Teachers as Supporting Schools Based on *Lore Lindu* National Park, Central Sulawesi Province

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Abstract—The purpose of this study was to conduct an empirical data search on the knowledge of elementary school teachers in designing learning devices as support schools based on Lore Lindu National Park. Based on the results of observations, interviews and instrument searches using a questionnaire. This research is qualitative/natural descriptive research. Data collection is done by: 1) observing the learning process in progress, 2) interviews with principals, teachers, students 3) documentation and literature study. The results of the data in this field were analyzed by going through the stages of data reduction, data presentation, conclusion drawing/verification. The findings of the data in the field show that teacher knowledge related to developing complete learning tools integrated in the lesson plan (learning implementation plan), teaching materials, media and learning evaluation is important and as the main competence in carrying out the task as an educator, however the reality on the ground that teachers do not have material sources, both local content and thematic-based materials, Lore Lindu National Park. The findings of the data obtained are the low level of teacher ability in designing the development of learning tools based on Lore Lindu National Park in the range of 30%, the lowest range.

Keywords—knowledge, tools, elementary school teacher

I. INTRODUCTION

Lore Lindu National Park is a national park located in Sigi Regency and Poso Regency, Central Sulawesi Province, which is one of the most important biological

protection sites on the island of Sulawesi and is part of one of the important biosphere reserves in Indonesia [1]-[2]. *Lore Lindu* National Park is a biosphere reserve area that has received recognition as a member of the world biosphere reserve network through The UNESCO Man and the Biosphere (United Nations Educational, Scientific and Cultural Organization) since 1977. This program is aimed at building harmony between human and natural interests.

Building students' ecological intelligence in harmony with nature, will determine the survival of living things for the future by using an eco pedagogical approach to curriculum orientation [3]-[5]. Elementary school teachers at the *Lore Lindu* National Park Support School are schools that become The research location is SDN Watumaeta as one of the supporting schools for *Lore Lindu* National Park. Based on the results of observations carried out on Monday, June 11, 2022, and the results of interviews with the principal of SDN Watumaeta explained that the lack of literature sources or teacher handbooks that can be used as references for teaching teachers is one of the obstacles in the learning process in the classroom related to the material to be developed by the teacher. teacher to teach [6]. This statement is also supported by the opinion of Anderson's class teacher explaining that teachers really need learning media related to thematic material based on *Lore Lindu* National Park, the lack of teacher ability in designing media, and the unavailability of learning media based on *Lore*

Lindu National Park so that this becomes an obstacle. teacher in teaching material on thematic development, especially the theme of protecting living things which is very relevant to the material based on *Lore Lindu* National Park [7].

Based on the results of a questionnaire search to measure the level of teacher knowledge related to *Lore Lindu* National Park-based material, it was found that the data found in the field that the level of teacher knowledge was below the average 43% so the data related to teacher knowledge was below the average, which was still low. Based on the results of observations, interviews, and instrument searches using a questionnaire, the importance of internalizing materials based on *Lore Lindu* National Park through a thematic learning process in class for Elementary School (SD) students at the Supporting School of *Lore Lindu* National Park because it is the highest oxygen supplier in the province of Central Sulawesi.

II. RESEARCH METHOD

This research is descriptive qualitative/natural research adapted from the Moleong reference book [8]. This study conducted a qualitative search regarding teacher knowledge regarding the teacher's ability to design thematic learning tools based on the *Lore Lindu* National Park, the teacher's ability to design learning media based on the *Lore Lindu* National Park, and the teacher's ability developing *Lore Lindu* National Park Thematic-based teaching materials at a support school for *Lore Lindu* National Park in Central Sulawesi Province. Data collection is done by: 1) observing the learning process in progress, 2) interviews with principals, teachers, and students 3) documentation and literature study. The results of the data in this field were analyzed by going through the stages of data reduction, data presentation, and conclusion drawing/verification.

III. RESULT AND DISCUSSION

A. Result

Based on the results of searching data findings in the field from observations, interviews, distributing questionnaires, documentation of qualitative description data regarding the level of knowledge Elementary School teachers (SDN) Watumaeta in detail will be described as follows:

Knowledge Level of Elementary School Teachers Designing Learning Devices Based on *Lore Lindu* National Park (TNLL)

Results of interviews with school principals and teachers at SDN Watumaeta located in Poso Regency and as *The Lore* National Park support school explained that teacher knowledge related to developing complete learning tools integrated with the lesson plan (learning implementation plan), teaching materials, media, and learning evaluation is important and as the main competency in carrying out the task as ai is an educator, but the reality on the ground is that teachers do not have material sources, both local content, and thematic-based materials, *Lore Lindu* National Park [9]. This statement was also supported by the head of the teacher working group, Siti, who explained that the lack of training carried out to improve elementary school teachers in the Poso Regency area so that the ability of teachers to design and develop

thematic-based learning tools or the preparation of modules for teachers is still minimal, so it becomes a problem for teachers. in elementary schools as an effort to increase competence [10]. The data from the observation interviews carried out were supported by the results of the distribution of questionnaires that the level of knowledge of elementary school teachers at SDN Watumaeta was still low in designing learning tools which will be described in detail in the results of the search and indicators of the level of teacher knowledge in the figure 1.

Based on the results of empirical data tracing that the ability level of elementary school (SD) teachers at SDN Watumaeta, Poso Regency, Central Sulawesi Province as a support school for *Lore Lindu* National Park which represents a heterogeneous level as a support school for *Lore Lindu* National Park, the data shows the lowest data in the range of 30%, with Thus giving the assumption that it is important to conduct further research studies on the development of learning tools based on *Lore Lindu* National Park on the development of learning tools, namely RPP (learning implementation plans, teaching materials, learning media, and evaluations).

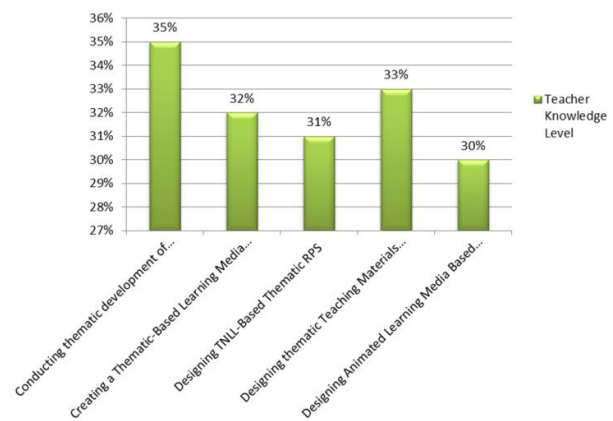


Fig. 1. Design Chart of Elementary Teacher Knowledge Percentage

B. Discussion

The findings of the data obtained are the low level of teacher ability in designing the development of learning tools based on *Lore Lindu* National Park in the range of 30%. The importance of improving teacher competence in the modern era. The development of the industrial revolution as a demand for teachers to improve abilities in the digital/modern era in the current industrial revolution era [11]–[14].

IV. CONCLUSION

The results of this study found data that the level of teacher knowledge is still low, namely 30% at the level of teacher knowledge level is still low to develop learning tools based on *Lore Lindu* National Park, so this research is important as a further reference to provide recommendations for the continuation of further research for the importance of designing design of learning devices and learning animation videos based on *Lore Lindu* National Park as further research.

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