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Submission date: 09-Jun-2023 09:05AM (UTC-0400)

Submission ID: 2112470695

File name: Nora_Development_of_Learning_Media_tunitin.docx (889.67K)

Word count: 6125

Character count: 29852

Development of Learning Media (LKPD) Themes of Ecosystem Based on "Salingtemas"

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ABSTRACT

This study aims to develop LKPD Ecosystem themes to improve the ability of valid, practical, and effective science literacy. Learning products developed in the form of LKPD based on salingtemas. This type of research is Research and Development (R&D). With a 4-D development model. This study involved students in grade V SD Negeri 28 Bandar Baru as the subject of research. Data was collected using expert validation sheets, observation sheets of learning implementation, student response questionnaires, and scientific literacy capabilities tests. The data obtained is then processed and analyzed descriptively. The results showed that LKPD themed the ecosystem to improve the ability of students in the literacy based on salingtemas sciences developed was in the valid category and suitable for use. Based on the results of the trials conducted, it was found that LKPD had met the validity aspects. This can be seen from: 1) The implementation of learning in the initial trial is quite practical and the implementation of learning in the next trial is categorized as very practical; 2) Use of LKPD in Learning Natural Sciences Ecosystem Themes developed in terms of students' responses are classified as practical. LKPD based on salingtemas has also met the effectiveness aspects seen from the student science literacy capability test.

KEYWORDS: Student worksheets, salingtemas, scientific literacy.

INTRODUCTION

Understudy Worksheet (LKPD) are sheets containing errands that must be done by understudies. The movement sheet is ordinarily within the frame of informational, steps to total a assignment (Depdiknas, 2008). The advantage of utilizing LKPD is to encourage teachers in carrying out learning, for understudies will learn freely and learn to get it and carry out a composed errand. LKPD can involvement development in terms of introduction, one of which is coordinates utilizing an approach based on "Salingtemas".

"Salingtemas" is acronym from (Sains, Lingkungan, Teknologi, dan Masyarakat) or in English means (Science, Environment, Technology and Society). Salingtemas learning is an approach that can invite students to be willing and able to apply scientific principles and produce a technology to solve problems in society (Sari, W, 2018; Surata, PK & Arjaya, IB, 2018; Wardani, FP et al, 2019; Wardani, E, FF, et al, 2021; Winandika, G, 2020).

The problem that is often found today is that there are still many teachers who have not used learning media, one of which is the use of the appropriate LKPD in the learning process, especially in remote regional schools and also they do not understand and understand how the LKPD media is good and correct Knowing the correct shape of LKPD (Daryanto, 2013; Rahayu

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