Training on Student Worksheet Development Based on Computational Thinking and Numeracy in the Independent Learning Curriculum in Elementary Schools

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ABSTRACT

The independent curriculum is a new curriculum that teachers must master with various techniques. Implementation of teacher training is one of the efforts to increase teacher understanding regarding the independent learning curriculum. However, there are still some teachers who have not been able to develop an independent learning curriculum in elementary schools. Teachers still do not understand the concept of numeracy and the concept of computational thinking in mathematics learning in the independent learning curriculum in elementary school. In fact, elementary school teachers should understand this, so that teachers can stimulate the numeracy and computational thinking abilities of elementary school students every day by developing learning tools. One effort to develop learning tools to improve elementary school students' numeracy and computational thinking skills is by developing LKPD based on numeracy and computational thinking in the independent learning curriculum in elementary schools. Therefore, it is necessary to carry out training for teachers regarding this material. Yogyakarta State University (UNY) has routinely carried out community service to improve the quality of education in the surrounding area. So, it seems necessary for UNY to hold training for elementary school teachers in developing LKPD based on numeracy and computational thinking in the independent learning curriculum in elementary schools. The training methods used vary in the form of training, practicum, implementation, mentoring and program evaluation. This community service activity is also in the context of implementation with IKU 2 students gaining experience outside campus, IKU 3 lecturers carrying out activities outside campus, and the IKU 6 study program collaborating with partners. The evaluation results show that all participants can have understanding and skills in developing LKPD based on numeracy and computational thinking in the independent learning curriculum in elementary schools well and skillfully.

Kata Kunci: *LKPD, Numeracy, Computational Thinking, Independent Learning*