



1st UPY International Conference on Applied Science and Education (1st UP-INCASE) and 5th International Conference on Education for Sustainable Development 2018

PROGRAM BOOK



***Integrated STEM
(Science, Technology, Engineering and Mathematics)
for Future Education***

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Cooperative Learning Model Based on Rithmical Movement Method to Embed The Operation Concept of Whole Number

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Abstract. The purpose of this research is to develop cooperative learning model based on rithmical movement method to help embed the operation concept of whole number, then the development of this learning model can be utilized to give variation of learning model and facilitate student's understanding so as to increase student's motivation and achievement. The method used in this research is case study and Quasi-Experiment. Case studies are used in the process of developing models and learning devices. The use of this case study is based on the thought of obtaining the necessary data in depth. While Quasi-Experiments are used to implement learning models in order to know the effectiveness. The research subjects are fourth grade students of SDN Tamansari II Yogyakarta. The results of this study indicate that the cooperative learning model based on rithmical movement method is feasible with Good criteria and get a positive response from students at 81.09%. In addition, this learning model also effectively to embed the operation concept of whole number.

Keywords: Cooperative Learning Model, Rithmical Movement, Mathematics Learning

An analysis of Regional Financial Management Information System (SIMDA) in improving the Quality of Financial Statements in Jombang

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Abstract. This study aims is to know the implementation of Regional Management Information System (SIMDA) in improving the Quality of Financial Statements at the Office PPKAD Jombang regency. This research includes descriptive qualitative research that is the technique of analysis in the form of describe or reveal the characteristics of variables that become the focus of the researcher is to disclose matters relating in Regional Financial Management Information System (SIMDA) in improving the Quality of Financial Statements at the Office of PPKAD Jombang regency. The results of the research indicate that the quality of information generated from the implementation of SIMDA Finance, among others 1) is timely, 2) the accuracy of data generated from data processing on the system reliable and 3) relevant, the system works automatically by classifying transactions according to their respective types. Each and every parts of the system are interconnected with each other. The suggestions in this study For the Office of Revenue, Financial Management and Regional Assets (DPPKAD) Jombang regency need to pay attention to the financial accounting system used, both in understanding in its use

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