

Students' Mathematical Connection Ability and Self Regulated Learning on MiC Learning with Recitation and Peer Assessment Based on Semarang Culture

Title	Students' Mathematical Connection Ability and Self Regulated Learning on MiC Learning with Recitation and Peer Assessment Based on Semarang Culture
Author Order	2 of 3
Accreditation	
Abstract	This research was aimed (1) to know the effectiveness of MiC learning with recitation and peer assessment based on Semarang Culture to students' mathematical connection ability and (2) to analyze students' mathematical connection ability and self regulated learning. This study was a mixed method research with a sequential explanatory design. The population was 7th grade students of SMP N 32 Semarang academic year 2017/2018. The subjects was selected based on the students' initial mathematical ability which is categorized as upper, middle and lower group students. Data was collecting by questionnaire, observation, test, and interview. The result showed that (1) MiC learning with recitation and peer assessment based on Semarang Culture is effective on students' mathematical connection ability, (2) students in the upper group category can connect between topics in mathematics, connect mathematical concepts with other disciplines, connect mathematics with daily life well and have a high level of self regulated learning, students in the middle group category can connect mathematical concepts with other disciplines and connect mathematics with daily life well and have a moderate level of self regulated learning, and for students in lower group category can connect mathematical concepts to other disciplines well and have a low level of self regulated learning.
Publisher Name	Universitas Negeri Semarang
Publish Date	2019-01-06
Publish Year	2019
Doi	
Citation	
Source	Unnes Journal of Mathematics Education Research
Source Issue	Vol 8 No 2 (2019): December 2019
Source Page	173-179
Url	https://journal.unnes.ac.id/sju/index.php/ujmer/article/view/28018/14574
Author	Dr. KARTONO, S.H., M.H