ABSTRAK

ERWAN NUGRAHA 2016. Korelasi Antara Aktivitas Belajar Peserta Didik dengan Kemampuan Koneksi Matematik Melalui Model *Problem Based Learning* Penelitian di Kelas VIII MTs Al-Ihsan Panyiraman Tasikmalaya. Program Studi Pendidikan Matematika. Fakultas Keguruan dan Ilmu Pendidikan. Universitas Siliwangi Tasikmalaya.

Penelitian ini bertujuan untuk mengetahui aktivitas belajar peserta didik terhadap pembelajaran yang menggunakan model *Problem Based Learning* (PBL), mengetahui kemampuan koneksi matematik peserta didik yang menggunakan model *Problem Based Learning* (PBL), dan korelasi antara aktivitas belajar dengan kemampuan koneksi matematik peserta didik melalui model *Problem Based Learning* (PBL). Populasi pada penelitian ini seluruh peserta didik kelas VIII MTs Al-Ihsan Panyiraman Tasikmalaya. Menentukan sampel penelitian dengan menggunakan teknik *random sampling* dan terpilih kelas VIII A sebanyak 27 peserta didik. Instrumen penelitian yang digunakan meliputi seperangkat soal tes kemampuan koneksi matematik dan angket aktivitas belajar. Analisis data menggunakan analisis deskripsi dan korelasi. Hasil penelitian menunjukkan aktivitas belajar peserta didik yang menggunakan model *Problem Based Learning* (PBL) termasuk ke dalam kategori sangat tinggi. Kemampuan koneksi matematik peserta didik yang menggunakan model *Problem Based Learning* termasuk kategori baik dan terdapat korelasi antara aktivitas belajar peserta didik dengan kemampuan koneksi matematik melalui model *Problem Based Learning* (PBL) yang termasuk kategori korelasi sedang.

Kata Kunci : *Aktivitas Belajar, Kemampuan Koneksi Matematik, Problem Based Learning*

ABSTRACT

ERWAN NUGRAHA 2016. The Correlation between Students' Learning Activity and Mathematics Connection Ability through Problem Based Learning Model. A Research on Eighth Grade Students at MTs Al-Ihsan Panyiraman Tasikmalaya.

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This research was aimed to know the students' learning activity, students' mathematics connection ability which used Problem Based Learning (PBL), and positive correlation between students' learning activity and their mathematics connection ability through Problem Based Learning (PBL) model. The populations of this research were all students of eighth grade at MTs Al-Ihsan Tasikmalaya which number 80 students consists of three classes. Sample in this study was VIII A class consists of 27 students taken by using random sampling technique. The instruments used in this research were question test about mathematics connection ability and questionnaire about learning activity. The data was analyzed using description and correlation analysis. The findings revealed that first; students' learning activity using Problem Based Learning (PBL) model was very high. Second, students' mathematics connection ability using Problem Based Learning model was good, and there was a positive correlation between students' learning activity and their mathematics connection ability through Problem Based Learning (PBL) model that included into close-average category.

Keywords: Learning Activity, Mathematics Connection Ability, Problem Based Learning.

LAMPIRAN - LAMPIRAN

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- ➢ LAMPIRAN G

LAMPIRAN A

- SILABUS

- RPP
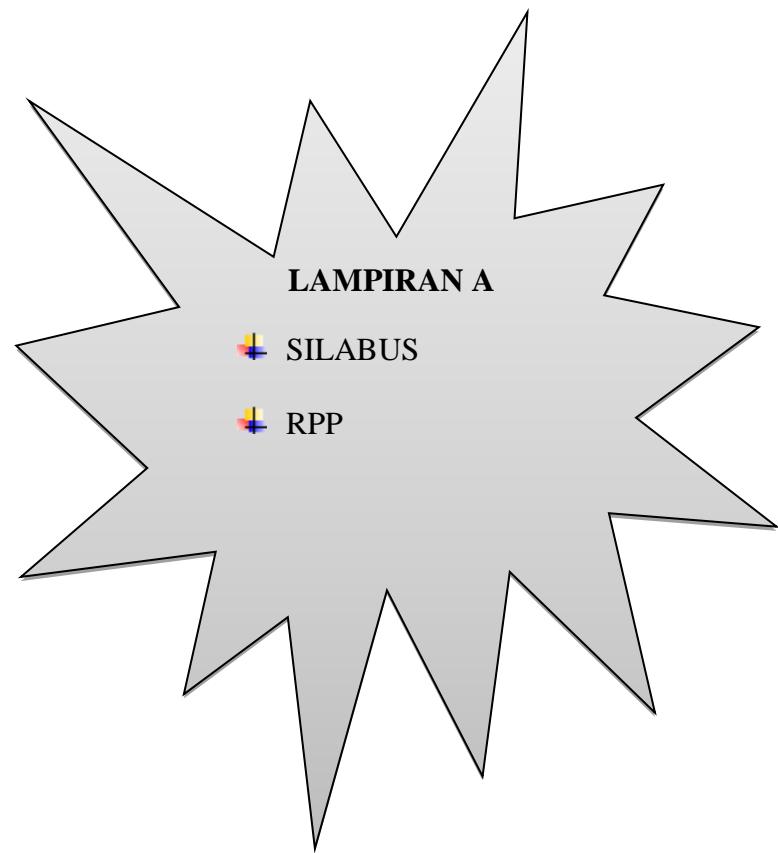
LAMPIRAN B

- BAHAN AJAR

- LKPD

- TES INDIVIDU

LAMPIRAN C

- KISI-KISI ANGKET MINAT BELAJAR
- INSTRUMEN ANGKET MINAT BELAJAR
- KISI-KISI TES KEMAMPUAN KONEKSI MATEMATIK
- INSTRUMEN TES KEMAMPUAN KONEKSI MATEMATIK

LAMPIRAN D

- UJI VALIDITAS INSTUMEN ANGKET MINAT BELAJAR

- UJI RELIABILITAS INSTUMEN ANGKET MINAT BELAJAR

- UJI VALIDITAS INSTUMEN TES KEMAMPUAN KONEKSI MATEMATIK

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