ABSTRAK

PENGARUH PENGGUNAAN MEDIA PEMBELAJARAN BERBASIS METODE MONTESSORI MATERI PENGELOMPOKAN HEWAN MENURUT HABITATNYA TERHADAP HASIL BELAJAR IPA SISWA KELAS II SD

Brigita Ratna Mega Sari
Universitas Sanata Dharma
2018

Latar belakang penelitian ini ingin mengetahui hasil belajar IPA siswa kelas II SD yang dihasilkan melalui kegiatan pembelajaran menggunakan media pembelajaran berbasis metode Montessori materi pengelompokan hewan menurut habitatnya. Penelitian ini bertujuan untuk mengetahui pengaruh penggunaan media pembelajaran berbasis metode Montessori materi pengelompokan hewan menurut habitatnya terhadap hasil belajar IPA siswa kelas II SD tahun ajaran 2017/2018.

Penelitian ini merupakan penelitian kuantitatif jenis *Quasi Experimental Design* tipe *Non-equivalent-Group Design*. Populasi penelitian ini adalah siswa kelas II SD Negeri Banyubiru 2 berjumlah 62 siswa. Sampel penelitian ini adalah siswa kelas IIA berjumlah 31 siswa sebagai kelompok kontrol dan kelas IIB berjumlah 31 siswa sebagai kelompok eksperimen. Instrumen tes penelitian ini adalah soal *pretest* dan soal *posttest* yang tervalidasi oleh 2 ahli dan diujicobakan kepada siswa kelas III berjumlah 30 responden. Instrumen diuji validitasnya yaitu di atas 0,316 dinyatakan valid dan diuji reliabilitasnya di atas 0,60 dinyatakan memiliki reliabel yang tinggi. Uji validitas menghasilkan 13 soal *pretest* valid dan 15 soal *posttest* valid. Uji reliabilitas soal *pretest* menghasilkan reliabilitas sebesar 0,743 dan soal *posttest* menghasilkan reliabilitas sebesar 0,810. Instrumen non tes penelitian ini adalah *check list*, pedoman wawancara dan perangkat pembelajaran (RPP). Perangkat pembelajaran telah tervalidasi oleh 2 ahli (guru kelas IIA dan IIB).

Hasil penelitian menunjukkan bahwa media pembelajaran berbasis metode Montessori berpengaruh terhadap hasil belajar IPA. Hasil uji selisih *pretest-posttest1* menunjukkan *Sig (2-tailed)* sebesar 0,040. Besarnya pengaruh perlakuan ditunjukkan koefisien determinasi (r²) sebesar 0,3239 artinya besarnya pengaruh perlakuan sebesar 0,3239, apabila dalam persen sebesar 32,39% yang artinya memiliki efek besar.

Kata Kunci : media pembelajaran berbasis metode Montessori, materi pengelompokan hewan menurut habitatnya, hasil belajar IPA.

ABSTRACT

THE EFFECT OF THE USE OF LEARNING MEDIA BASED ON MONTESSORI METHOD OF ANIMAL GROUPING ACCORDING TO THEIR HABITAT ON SCIENCE LEARNING OUTCOMES OF SECOND GRADE STUDENTS OF ELEMENTARY SCHOOL

Brigita Ratna Mega Sari
Sanata Dharma University
2018

The background of this research was discover the science result of learning of second grade students of elementary school which was produced through learnig activity using learning media based on Montessori method of animal grouping according to their habitat. The purpose of this research was discover the the effect of the use of learning media based on Montessori method of animal grouping according to their habitat on science learning outcomes of second grade students of elementary school the academic year 2017/2018.

This research was a quantitative research type Quasi Experimental Design type Non-equivalent-Group Design. The population of this research was second grade students of SD Negeri Banyubiru 2 as many as 62 students. The sample of this research were students of IIA class amounted to 31 students as control group and students of class IIB amounted 31 students as experiment group. The test instrument of this research is pretest and posttest question that validated by 2 experts and tested to third grade students amounted to 30 respondents. The instrumen validity tested was above 0.316 can declared valid and reliability tested was above 0,60 can declared high or reliability. The validity test result 13 pretest questions valid and 15 posttest questions valid. The reliability test of pretest questions result reliability amount 0,734 and posttest questions result amount 0,810.The non test instruments in this research are observation guides, interview guides and learning tools (RPP). Learning tool has been validated by 2 expert (teacher of class IIA and IIB).

The results showed that the use of learning media based on Montessori method has an effect on science learning outcomes. The pretest-posttest1 assay test result show Sig (2-tailed) of 0,040. The amount of influence of treatment shown coefficient of determination (r²) of 0.3239 means the effect of treatment of 0.3239, if the percent of 32.39% which means having a big effect.

Keywords: learning media based on Montessori method, animal grouping material according to their habitat, science learning outcomes.