

ABSTRAK

Monica Tita Candra Gerhana. 2015. *Efektivitas Metode Pembelajaran Project Based Learning Ditinjau dari Minat dan Hasil Belajar Siswa pada Pembelajaran Statistika Sub Bab Menyajikan Data dalam Bentuk Tabel dan Diagram Kelas XI IPS SMA Pangudi Luhur Yogyakarta Tahun Ajaran 2014/2015*. Skripsi. Yogyakarta : Program Studi Pendidikan Matematika, Jurusan Matematika dan Ilmu Pengetahuan Alam, Fakultas Keguruan dan Ilmu Pendidikan, Universitas Sanata Dharma.

Penelitian ini bertujuan untuk mengetahui efektivitas metode pembelajaran *project based learning* ditinjau dari minat belajar siswa dan mengetahui efektivitas metode pembelajaran *project based learning* ditinjau dari hasil belajar siswa kelas XI IPS SMA Pangudi Luhur Yogyakarta pada pembelajaran statistika sub bab menyajikan data dalam bentuk tabel dan diagram.

Subyek penelitian ini adalah siswa kelas XI IPS 1 SMA Pangudi Luhur Yogyakarta tahun ajaran 2014/2015. Penelitian ini merupakan penelitian deskriptif kualitatif dan kuantitatif. Pengumpulan data dilaksanakan pada bulan April 2015. Instrumen penelitian yang digunakan adalah penugasan proyek, tes lisan, dan kuesioner minat belajar siswa. Data hasil belajar siswa pada aspek kognitif dan aspek psikomotorik diperoleh dari perhitungan 70% nilai proyek dan 30% nilai tes lisan, sedangkan data hasil belajar siswa aspek afektif diperoleh dari perhitungan nilai proyek dan pengamatan. Perhitungan hasil belajar aspek kognitif tersebut kemudian dianalisis besarnya persentase siswa yang sudah mencapai KKM (Kriteria Ketuntasan Minimal) yang ditetapkan, persentase siswa yang belum mencapai KKM, dan rata-rata hasil belajar siswa. Pada perhitungan hasil belajar aspek psikomotorik dan afektif dianalisis dengan menghitung besar persentase skala nilai dan rata-rata hasil belajar siswa. Sedangkan, analisis minat belajar siswa dilakukan dengan menghitung rata-rata skor minat belajar.

Dari hasil penelitian menunjukkan bahwa : (1) Siswa dikatakan berminat pada pembelajaran matematika yang menggunakan metode *project based learning* dengan skor rata-rata minat belajar semua indikator sebesar 2,75 dari skala 4. (2) Hasil belajar siswa dengan metode *project based learning* adalah baik. Hasil belajar siswa aspek kognitif memberikan rata-rata 78,77 dengan persentase 76,67% telah mencapai batas KKM (Kriteria Ketuntasan Minimal) dan 23,33% belum mencapai KKM (Kriteria Ketuntasan Minimal), hasil belajar aspek psikomotorik memberikan rata-rata 3,26 dengan keterangan A, persentase 80% mendapat nilai A dan persentase 20% mendapat nilai B, serta hasil belajar aspek afektif memberikan rata-rata 3,11 dengan keterangan A, persentase 63,33% mendapat nilai A dan persentase 36,67% mendapat nilai B.

Kata kunci : Metode Pembelajaran, Metode Project Based Learning, Penyajian Data Statistika

ABSTRACT

Monica Tita Candra Gerhana. 2015. *The Effectiveness of Project Based Learning Method Observed from Interest and Learning Outcomes of XI IPS students in SMA Pangudi Luhur Yogyakarta on the Statistics Education Sub Section Presenting Data in The Form of Tables and Diagrams, Academic Year 2014/2015.* Thesis. Yogyakarta: Mathematics Education Study Program, Department of Science and Mathematics Education, Teachers Training and Education Faculty, Sanata Dharma University.

This research aimed to explore the effectiveness of project based learning method observed from interest and to explore the effectiveness of project based learning method observed from learning outcomes of XI IPS students in SMA Pangudi Luhur Yogyakarta on the statistic education sub section presenting data in the form of tables and diagrams.

The subjects of this research were grade XI IPS 1 students in SMA Pangudi Luhur Yogyakarta, academic year 2014/2015. This research employed quantitative and qualitative research. The data gathering was conducted on April 2015. The research instruments used were project assignments, oral tests, and questionnaires on students's learning interest. The data analysis of students's learning outcomes on cognitive aspect and psychomotor aspect were done by calculating 70% from the value percentage of the project assignments and 30% the value percentage of the oral test, whereas the data analysis of student learning outcomes on affective aspect was done by calculating the value percentage of the project assignments and observation. From the calculation results of the cognitive aspect of learning, it was then analyzed the percentage of students who had achieved KKM (minimum mastery criteria), a percentage of students who had not achieved KKM, and the average students's learning outcomes. In the calculation of learning outcomes psychomotor aspect and affective aspect were analyzed by calculating the percentage of scale and the average value of student learning outcomes. Meanwhile, analysis of students's learning interest were done by calculating the average score of interests in learning.

The result of the research showed that: (1) student were interested on the study of mathematics which used project based learning method with the average score of learning interest showed the indicators of 2.75 out of 4 scale. (2) The results of students's learning with project based learning method was good. Cognitive aspect of students's learning outcomes achieved an average of 78.77 with a percentage of 76.67% had reached the minimum mastery criteria (KKM) and 23.33% had not reached the minimum mastery criteria (KKM), psychomotor aspect of learning outcomes achieved an average of 3.26 with a description A, the percentage of 80% got A, and the percentage of 20% got B, and affective aspect of learning outcomes achieved an average of 3.11 with a description A, the percentage of 63.33% got A, and the percentage of 36.67% got B.

Keywords : *Learning Method, Project Based Learning Method, Statistical Data Presentation*