

## ABSTRAK

*Ika Siwi Wulandani, 2012. Pendekatan PAKEM Menggunakan LKS Terbimbing Pokok Bahasan Turunan Fungsi Aljabar Untuk Meningkatkan Motivasi Serta Hasil Belajar Siswa XI IPS 2 SMA Pangudi Luhur Santo Yosef Surakarta Tahun Ajaran 2015/2016. Program Studi Pendidikan Matematika, Jurusan Pendidikan Matematika dan IPA, Fakultas Keguruan dan Ilmu Pendidikan, Universitas Sanata Dharma, Yogyakarta.*

Penelitian ini bertujuan untuk mengetahui (1) Pendekatan PAKEM menggunakan LKS terbimbing pokok bahasan Turunan Fungsi Aljabar dapat meningkatkan motivasi belajar siswa XI IPS 2 SMA Pangudi Luhur Santo Yosef Surakarta, (2) Pendekatan PAKEM menggunakan LKS terbimbing pokok bahasan Turunan Fungsi Aljabar dapat meningkatkan hasil belajar siswa XI IPS 2 SMA Pangudi Luhur Santo Yosef Surakarta.

Subjek penelitian siswa kelas XI IPS 2 SMA Pangudi Luhur Santo Yosef Surakarta yang berjumlah 33 orang. Penelitian ini dilaksanakan pada semester 2 tahun ajaran 2015/2016 pada pokok bahasan Turunan Fungsi Aljabar. Penelitian diawali dengan observasi kegiatan pembelajaran di kelas. Pelaksanaan pembelajaran dilakukan 2 kali pertemuan dan 1 kali ulangan harian. Pengambilan data motivasi belajar dilakukan dengan menggunakan kuesioner yang diisi oleh siswa. Pengambilan data aktivitas belajar siswa diperoleh dengan melakukan pengamatan aktivitas belajar siswa. Pengambilan data prestasi belajar dilakukan dengan menggunakan tes.

Hasil penelitian menunjukkan (1) Pendekatan PAKEM menggunakan LKS terbimbing pokok bahasan Turunan Fungsi Aljabar dapat meningkatkan motivasi belajar siswa XI IPS 2 SMA Pangudi Luhur Santo Yosef Surakarta dapat meningkatkan motivasi belajar siswa. Peningkatan tersebut dapat dilihat dari persentase jumlah siswa yang motivasi belajar mengalami peningkatan sebanyak 93,94 %. (2) Pendekatan PAKEM menggunakan LKS terbimbing pokok bahasan Turunan Fungsi Aljabar dapat meningkatkan hasil belajar siswa XI IPS 2 SMA Pangudi Luhur Santo Yosef Surakarta. Persentase jumlah siswa yang tuntas atau memenuhi KKM pada siklus 1 sebesar 61,29% dengan rata-rata 71,5, siklus 2 sebesar 75,75% dengan rata-rata 72,63, Ulangan Harian sebesar 75,75% dengan rata-rata 79,52.

Kata kunci : PAKEM, Motivasi Belajar, Hasil Belajar dan LKS.

**ABSTRACT**

**Ika Siwi Wulandani,2012. The PAKEM Approaches Using The Guided Student Worksheet The Subject Derivatives of Algebraic Function For Increasing The Motivation and the Learning Result of Eleventh Social Two Students of Pangudi Luhur Santo Yosef Surakarta Senior High School in 2015/2016.**

The objectives of the research are to know (1) The PAKEM Approaches Using The Guided Student Worksheet. The Subject Derivatives of Algebraic Function could increase the study motivator of Eleventh Sosial Two Students of Pangudi Luhur Santo Yosef Surakarta Senior High School, (2) The PAKEM Approaches Using The Guided Student Worksheet The Subject Derivatives of Algebraic Function could increase study result of Eleventh Sosial Two Students of Pangudi Luhur Senior High School

The research subject has 33 Eleventh Sosial Two students. The research was done in 2<sup>nd</sup> semester of 2015/2016 the subject Derivatives of Algebraic Function. This research was started with thye observation of study process in the class. It has been done in 2 meeting and 1 exam. The study motivation data were taken by quisioner which was done by the students. Study activity dara were taken by observing the students study activities. The study achievement data were taken by using exam.

The results of the research are (1) The PAKEM Approaches Using The Guided Student Worksheet The Subject Derivatives of Algebraic Function could increase the study motivation Eleventh Sosial Two PL Santo Yosef Senior High School. It can show from the member of students study motivation that increase into 93,94%, (2) The PAKEM Approaches Using The Guided Student Worksheet (LKS) The Subject Derivatives of Algebraic Function could increase the study result of Eleventh Sosial Two PL Santo Yosef Senior High School. It can show from the member of students siklus 1 exam that increase into 61,29% and the mean is 71,5, siklus 2 exam that increase into 75,75% and the mean is 72,63, and daily test that increase into 75,75% and the mean is 79,52.

Keyword : PAKEM, Study Motivation, Study Results, LKS.