

## ABSTRAK

**Maria Vinensia Sura. 2014. Korelasi Antara Keaktifan dan Hasil Belajar Fisika Siswa kelas XI IPA SMA Frater Don Bosco Lewoleba. Program Studi Pendidikan Fisika, Jurusan Pendidikan Matematika dan Ilmu Pengetahuan Alam, Fakultas Keguruan dan Ilmu Pendidikan, Universitas Sanata Dhrama, Yogyakarta.**

Penelitian ini bertujuan untuk: 1) Mengetahui keaktifan siswa pada pembelajaran fisika, 2) Mengetahui hasil belajar siswa pada pembelajaran fisika dan 3) Mengetahui korelasi antara keaktifan dengan hasil belajar siswa pada pembelajaran fisika.

Penelitian ini dilaksanakan di kelas XI IPA SMA Frater Don Bosco Lewoleba pada bulan Januari dan Februari 2014. Subyek dari penelitian ini adalah siswa kelas XI IPA yang berjumlah 32 orang. Instrumen yang digunakan dalam penelitian ini adalah pengamatan keaktifan siswa, kuesioner, nilai ulangan, dan wawancara. Pengamatan data keaktifan dilakukan dengan pengamatan oleh 3 pengamat dan dibantu juga dengan alat bantu rekaman video, nilai ulangan digunakan untuk mengetahui hasil belajar fisika siswa, dan wawancara digunakan untuk mengetahui alasan siswa yang keaktifan dan hasil belajar (diskonkordan) (bertentangan).

Hasil penelitian menunjukkan bahwa: (1) Keaktifan belajar siswa kelas XI IPA SMA Frater Don Bosco Lewoleba tahun ajaran 2013/2014 dalam mata pelajaran fisika pada pokok bahasan kesetimbangan benda tegar diperoleh bahwa 37,04% aktif dalam pelajaran. (2) Hasil belajar siswa kelas XI IPA SMA Frater Don Bosco Lewoleba tahun ajaran 2013/2014 dalam mata pelajaran (a) Kesetimbangan benda tegar, hasil belajar siswa yang diperoleh adalah 55,56% masuk dalam kategori hasil belajar sangat tinggi, 11,11% masuk pada kategori hasil belajar tinggi, 7,41% masuk pada kategori hasil belajar cukup, 18,51% masuk pada kategori hasil belajar rendah, dan 7,41% masuk pada kategori hasil belajar sangat rendah. Sedangkan berdasarkan nilai KKM, 62,96% tuntas belajar dan 37,04% tidak tuntas belajar. (b) Fluida, hasil belajar siswa yang diperoleh adalah 11,11% masuk dalam kategori hasil belajar sangat tinggi, 25,93% masuk pada kategori hasil belajar tinggi, 14,81% masuk pada kategori hasil belajar cukup, 25,93% masuk pada kategori hasil belajar rendah, dan 22,22% masuk pada kategori hasil belajar sangat rendah. Sedangkan berdasarkan nilai KKM, 77,78% tuntas belajar dan 22,22% tidak tuntas belajar. (3) Hubungan antara aktivitas belajar dengan hasil belajar fisika: Tidak ada korelasi antara aktivitas belajar dengan hasil belajar siswa kelas XI IPA SMA Frater Don Bosco Lewoleba tahun ajaran 2013/2014 dalam mata pelajaran fisika pokok bahasan kesetimbangan benda tegar, dengan koefisien korelasinya  $r = 0,001$  dan nilai probabilitas koefisien korelasi ( $p$ ) = 0,997, sedangkan ada korelasi antara aktivitas belajar dengan hasil belajar siswa kelas XI IPA SMA Frater Don Bosco Lewoleba tahun ajaran 2013/2014 dalam mata pelajaran fisika pokok bahasan fluida, dengan  $r = 0,461$  dan nilai probabilitas koefisien korelasi ( $p$ ) = 0,016.

## ABSTRACT

**Maria Vinensia Sura., 2014. Relation Between Physical Activity and Student Learning Outcomes High School class XI Science Frater Don Bosco Lewoleba. Physical Education Studies Program, Department of Mathematics and Natural Sciences, Faculty of Teacher Training and Education, Sanata Dharma University, Yogyakarta.**

This study aims to: 1) Knowing the involvement of students in learning physics, 2) knowing the learning outcomes of students in learning physics and 3) determine the correlation between the liveliness with student learning outcomes in learning physics.

This research was conducted in class XI Science, Brother Don Bosco Lewoleba senior high school in January and February 2014. Subjects of this study was the observation of student's activity, questionnaires, tes scores and interviews. Data observation of liveliness performed by five observers and also assisted with video recording tool, aquestionnaire used to determine students responses to the physic lesson, test scores are used to determine students understanding of physics, and interviews are used to determine the reason for the student's which liveliness and study are results diskonkordan (contrary).

The results showed that: 1) The Class XI science student learning activity in Brother Don Bosco Senior High School Lewoleba academic year 2013/2014 in physics on the subject of rigid body equilibrium is obtained that 37,04% active in the lesson and 62,96% not active in the lesson, while in the subject of fluid it was found that 88,89% active in the lesson and only 11,11% very active during the lesson. 2) The result of class XI student learning outcome in class XI science Don Bosco Senior High School Lewoleba academic year 2013/2014 in physics on the subject, (a) of rigid body equilibrium, student learning results obtained are entered on categories 55,56% learning outcome is very high, 11,11% entered on learning outcome categories high 7,41% entered on learning outcome categories enough, 18,51% entered on learning outcome categories, and the categories entered on 7,41% learning outcome is very low. While based on the value of kkm, student learning results obtained are 62,96% and 37,04% did not pass. (b) Fluid, student learning results obtained are entered on categories 11,11% enters at category study result of the very high; 25,93% enters at category study result of the high, 14,81% enters at category study result of the enough, 25,93% enters at category study result of the low, and 22,22% enters at category study result of the low. While based on the value of kkm, student learning outcomes fluid obtained was 77,78% pass and 22,22% not pass. 3) The relationship between learning activities with learning outcomes physics: there is no correlation between learning activities with learning outcomes of students in class XI IPA Brother Don Bosco Senior High School Lewoleba academic year 2013/2014 in physics on the subject of rigid body equilibrium, with a correlation coefficient of  $r = 0,001$  and a probability value of correlation coefficient ( $p$ ) = 0,997. There is a correlation between activity while learning the learning outcomes of students in class XI IPA Brother Don Bosco Senior High School Lewoleba academic year 2013/2014 in physics on fluid subject, the correlation coefficient  $r = 0,461$  and probability value of correlation coefficient ( $p$ ) = 0,016.