

ABSTRAK

Valentina Jatningsih, “**Desain Pembelajaran Fisika Untuk SMP Kelas VIII Semester 1 yang Mendukung Pelaksanaan Pembelajaran Menurut Kurikulum Berbasis Kompetensi**”. Skripsi Program Studi Pendidikan Fisika, Jurusan Pendidikan Matematika dan Ilmu Pengetahuan Alam, Fakultas Keguruan dan Ilmu Pendidikan, Universitas Sanata Dharma, Yogyakarta 2006.

Skripsi ini, berupa desain pembelajaran yang bertujuan untuk menghasilkan sebuah model pembelajaran fisika untuk Sekolah Menengah Pertama kelas VIII semester 1 yang mendukung pelaksanaan pembelajaran menurut Kurikulum Berbasis Kompetensi (KBK), yaitu pembelajaran yang dapat mengaktifkan siswa dalam membangun sendiri pengetahuan dan kompetensi.

Desain yang dihasilkan meliputi program satu semester dan rencana pembelajaran. Program satu semester berisi pembagian waktu yang diperlukan dalam mengajarkan setiap materi pokok dan evaluasi, sedangkan rencana pembelajaran berisi rancangan materi yang diajarkan dalam satu semester berupa silabus dan LKS.

Sebagian kecil dari LKS ini yaitu materi pokok suhu, tentang pengertian suhu, menentukan skala termometer, menghubungkan antara skala termometer Celsius dengan skala termometer Reamur, telah diujicoba di SMP St. Aloysius Turi pada tanggal 26 dan 31 Juli 2006. Hasil uji coba menunjukkan bahwa pembelajaran menggunakan LKS dapat membuat siswa aktif terlibat dalam proses pembelajaran. Keaktifan-keaktifan tersebut antara lain berupa menjawab pertanyaan, membaca uraian, mengajukan pertanyaan, dan membuat kesimpulan. Peran guru membantu apabila siswa mengalami kesulitan dengan memberikan pertanyaan pengarah.

ABSTRACT

Valentina Jatningsih 2006” The Design for Physics Learning for the First Semester Students of Eight of Grade of Junior High School which Support the Teaching Learning Process Based on Competency-Based Curriculum.”
Yogyakarta: Physics Education Study Program, Department of Mathematics and Science Education, Faculty of Teacher Training and Education Sanata Dharma University.

This thesis consisted of a designed learning which aimed to produce a Physic learning model for the first semester students of the eight students grade of Junior High School that supported the learning implementation based on the Competency-Based Curriculum, a learning which can activate students in developing knowledge and competencies by themselves.

This design covered one semester program and lesson plans. The one semester program consisted of time allotment needed in teaching every main material and evaluation. In the contrary, the lesson plans consisted of material designed for one semester which were syllabus and student’s worksheets.

A small part of the worksheets about temperature as the main material which was divided into some subtopics such as the difination of temperature, how to determine thermometer scale, how to link Celsius thermometer scale and Reamur thermometer scale, had been try out in St Aloysius Turi Junior High School on 26th and 31st of juli 2006. The result showed that the learning using student’s worksheet managed to makes student become active to involve in the learning process. The students’ activeness in the learning were answering questions, reading essays, asking questions, and making conclusions. The teacher’s role was to help the students when they had difficultes by giving some directing questions.