

ABSTRAK

Jaloasi Pakpahan : *Penerapan Model Pembelajaran Quantum Teaching Untuk Meningkatkan Aktivitas Dan Hasil Belajar Siswa Kelas X SMK N 2 Medan Pada Mata Pelajaran Teknologi Mekanik T.A. 2017/2018. Skripsi.* Fakultas Teknik Universitas Negeri Medan 2017.

Penelitian ini bertujuan : 1) untuk meningkatkan aktivitas siswa pada mata pelajaran Teknologi Mekanik (Pengetahuan Bahan Teknik), 2) untuk meningkatkan hasil belajar siswa pada mata pelajaran Teknologi Mekanik (Pengetahuan Bahan Teknik) SMK N 2 Medan melalui penerapan Model Pembelajaran Quantum Teaching. Penelitian ini merupakan penelitian tindakan kelas (Classroom Action Research) yang dilaksanakan dalam 2 siklus. Subyek penelitian ini adalah siswa kelas X SMK N 2 Medan dengan jumlah sebanyak 35 orang. Prosedur penelitian terdiri dari 4 tahap disetiap siklusnya, yakni , perencanaan, pelaksanaan tindakan, observasi dan refleksi. Proses pembelajarannya dilakukan dengan menerapkan model pembelajarn Quantum Teaching. Indikator hasil belajar pada penelitian ini berupa tercapainya ketuntasan belajar secara individual maupun klasikal. Siswa mencapai ketuntasan belajar jika telah mencapai nilai KKM (75) dan sebanyak 85% dari jumlah total siswa. Hasil penelitian menunjukkan bahwa hasil belajar teknologi mekanik (Pengetahuan Bahan Teknik) siswa melalui penerapan model pembelajaran Quantum Teaching mengalami peningkatan. Hasil belajar yang diperoleh pada siklus II lebih baik daripada siklus I. Demikian pula hasil belajar pada siklus I lebih baik daripada pra siklus. Hal tersebut dapat dilihat dari ketuntasan awal adalah 17,14%. Pada siklus I dengan menerapkan model pembelajaran Quantum Teaching maka didapat siswa aktif sebesar 65,28% dan ketuntasan hasil belajardengan rata-rata nilai sebesar 72,42%. Hal ini menunjukkan adanya peningkatan pada aktivitas maupun hasil belajar. Pada tindakan siklus II dengan menerapkan model pembelajaran Quantum Teaching bahwa aktivitas dan perolehan nilai semakin meningkat yaitu, 86,25% keaktifan dan 88,57% ketuntasan klasikal hasil belajar. Dapat disimpulkan bahwa penerapan model pembelajaran Quantum Teaching dapat meningkatkan Aktivitas dan Hasil belajar Teknologi Mekanik (Pengetahuan Bahan Teknik) siswa Kelas X SMK N 2 Medan T.A. 2017/2018.

Kata Kunci : Model pembelajaran Quantum Teaching, Aktivitas Belajar Siswa, Hasil Belajar Teknologi Mekanik (Pengetahuan Bahan Teknik).

ABSTRACT

Jaloasi Pakpahan : *The Application Of Quantum Teaching Learning Model To Increase The Activity And Learning Outcomes Students Of The Subjects Mechanical Technology (Knowledge Of Engineering Materials) Academic Year 2017/2018. Thesis*. Technical Faculty State University of Medan 2017.

This research aims : 1) to increase student activity on the subjects of mechanical technology (knowledge of engineering materials), 2) to improve student learning outcomes on the subjects of of mechanical technology (knowledge of engineering materials) through the application of Quantum Teaching Learning Model. This research is classroom action research which is implemented in two cycles. The subject of this research is the students of class X vocational high school publick 2 of Medan with a total of 35 peoples. This research procedure consists any 4 stages in each cycle namely, planning, action execution, observation and reflection. The learning process is done by applying the learning model of Quantum Teaching. Indicators of learning outcomes in this study in the form of completeness the learning individually or classical. Students achieve learning mastery if they have achieved KKM (75) and as many 85% of the total number of students. The result showed that the results of learning mechanical technology (knowledge of engineering materials) of students, through the application of Quantum Teaching learning model has increase. The learning outcomes obtained in second cycle are better than the first cycle. As well as the learning outcomes the first cycle is better than the pre cycle, it can be seen from the initial mastery is 17,14%. On the first cycle by applying the quantum teaching model of learning then obtained an active students ammounted 65,28% and mastery of learning outcomes with and average value is 72,42%. This indicates an increase in activity as well as learning outcomes. In the second cycle action by applying the quantum teaching of learning model activity and the acquisition value increase to 86,25% liveliness and 88,57% classical completeness of learning outcomes. It can be concluded that the application of quantum teaching learning model can increase activity and learning outcomes (knowledge of engineering materials) students of class x vocational high school publick 2 of Medan Academic Year 2017/2018.

Key Words : Quantum Teaching of Learning Model, Activity of students study, the result study on the subject of mechanical technology (knowledge of engineering).