PENINGKATAN KEAKTIFAN DAN HASIL BELAJAR SISWA KELAS X KOMPETENSI KEAHLIAN ELEKTRONIKA INDUSTRI PADA MATA DIKLAT DASAR LISTRIK ELEKTRONIKA DENGAN MENERAPKAN MODEL *STUDENT TEAMS ACHIEVEMENT DIVISION* (STAD) DI SMK NEGERI 2 WONOSARI

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ABSTRAK

Penelitian ini bertujuan untuk mengimplementasikan model pembelajaran kooperatif tipe *Student Teams Achievement* (STAD) dalam meningkatkan keaktifan dan hasil belajar siswa pada mata diklat Dasar Listrik Elektronika, jurusan Elektronika Industri SMK Negeri 2 Wonosari Yogyakarta.

Penelitian Tindakan Kelas (PTK) ini menggunakan model penelitian Kemmis dan Taggart. Alur penelitian terdiri dari (1) Perencanaan, (2) Tindakan, (3) Pengamatan, (4) Refleksi. Subjek penelitian ini adalah siswa kelas X EI SMKN 2 Wonosari yang berjumlah 32 siswa. Data penelitian diperoleh menggunakan lembar observasi aktifitas siswa, wawancara dengan guru mata diklat DLE dan dengan test hasil belajar. Teknik yang digunakan untuk menganalisis data adalah teknik deskriptif kuantitatif.

Hasil penelitian menunjukan bahwa model pembelajaran kooperatif tipe STAD dapat meningkatkan keaktifan belajar siswa dengan rata – rata setiap aspek memenuhi kriteria yang telah ditentukan yaitu presentase akhir aspek keaktifan mencatat 90.63%, memperhatikan 78.13%, kerjasama 71.88%, menganalisis 68.75%, mengemukakan pendapat 71.88%, pemecahan masalah 75%. Pada Hasil Belajar siswa juga mengalami peningkatan, dengan rata – rata ulangan harian sebesar 43.75%, nilai Test I sebesar 56.25%, dan nilai Test II sebesar 75%. Dengan demikian, pembelajaran menggunakan model pemebelajara kooperatif tipe STAD berpengeruh dalam meningkatan keaktifan dan hasil belajar siswa. Hal ini dapat disimpulkan bahwa penggunaan model pembelajaran tipe STAD berhasil meningkatkan keaktifan dan hasil belajar siswa pada kelas X EI, mata diklat dasar listrik elektronika di SMK Negeri 2 Wonosari Yogyakarta.

Kata kuci : keaktifan belajar, hasil belajar, STAD.

THE IMPROVING EFFECTIVENESS AND LEARNING OUTCOMES OF GRADE X STUDENT COMPETENCY OF EXPERTISE INDUSTRY IN THE ELECTRONIC EQUIPMENT BASIC CLASSES BY APPLYING THE STUDENT TEAMS ACHIEVEMENT DIVISION (STAD) MODEL IN WONOSARI 2 STATE VOCATIONAL SCHOOL

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ABSTRACT

This study aims to implement a cooperative learning model type Student Teams Achievement (STAD) in improving the activity and student learning outcomes in the Basic Electric Electronics training, Department of Industrial Electronics, SMK Negeri 2 Wonosari Yogyakarta.

This Classroom Action Research (CAR) uses the research model of Kemmis and Taggart. The sequence of research consists of (1) Planning, (2) Actions, (3) Observations, (4) Reflections. The subjects of this study were 32 students of grade X in El Wonosari Vocational High School.. The research data was obtained using student activity observation sheets, interviews with DLE subject's teachers and with learning outcomes tests. The technique used to analyze data is quantitative descriptive techniques.

The results showed that the STAD type cooperative learning model could increase student learning activeness with the average of each aspect fulfilling predetermined criteria, namely the final percentage of activeness of taking notes aspect 90.63%, observing 78.13%, collaboration 71.88%, analyzing 68.75%, expressing opinions 71.88% , problem solving 75%. On Learning Outcomes students also experience an increase, with the average daily test of 43.75%, the value of Test I at 56.25%, and the value of Test II at 75%. Thus, learning using the STAD type cooperative learning model affects students' activeness and learning outcomes. It can be concluded that the use of the STAD type learning model succeeded in increasing the activeness and learning outcomes of students in class X EI, the basic training in electrical electronics class at SMK Negeri 2 Wonosari Yogyakarta.

Key words: the effectiveness of learning, learning outcomes, STAD.