

ABSTRAK

Irwan Purba,5113321014:*Penerapan Strategi Pembelajaran Inkuiri (SPI) Untuk Meningkatkan Hasil Belajar Siswa Pada Mata Diklat Menggunakan Alat Ukur Di Kelas X Program Keahlian Teknik Mesin SMKYPT Pangkalan Susu T.P. 2017/2018*. Skripsi. Fakultas Teknik, Universitas Negeri Medan. 2018.

Penelitian ini bertujuan untuk meningkatkan hasil belajar siswa pada mata diklat menggunakan alat ukur di kelas X Program Keahlian Teknik Mesin SMK YPT pangkalan Susu T.P.2017/2018, melalui penerapan Strategi Pembelajaran Inkuiri (SPI). Penelitian ini merupakan Penelitian Tindakan Kelas (PTK) yang terdiri dari dua siklus. Subjek penelitian ini adalah siswa kelas X Program Keahlian Teknik Mesin SMK YPT Pangkalan Susu T.P. 2017/2018 yang berjumlah 24 orang. Pengumpulan data dilakukan dengan teknik observasi dan juga memberikan tes berupa pretest yang berjumlah 5 soal uraian dan posttest 1 dan 2 yang masing-masing berjumlah 10 soal pilihan ganda pada setiap siklusnya. Parameter yang diamati dalam penelitian ini adalah aktivitas siswa dan aktivitas guru serta hasil belajar siswa. Observasi dilakukan untuk mengamati aktivitas guru dan siswa. Hasil belajar dapat diketahui dengan memberikan pretest sebelum memulai pembelajaran dan posttest yang diberikan di akhir siklus pembelajaran. Aktivitas belajar siswa yang diamati meliputi: (1) mendengarkan penjelasan guru, (2) mengajukan pendapat/hipotesis, (3) bertanya, (4) merespon pertanyaan guru, (5) merespon pertanyaan siswa lain. Hasil belajar siswa pada siklus I dengan rata-rata 59,79, tingkat ketuntasan klasikal siswa rata-rata 50% atau 12 dari 24 siswa. Pada siklus II terjadi peningkatan hasil belajar siswa dengan rata-rata 78,75, tingkat ketuntasan klasikal siswa rata-rata 79,17% atau 19 dari 24 siswa. Aktivitas rata-rata guru pada siklus II juga mengalami peningkatan dengan rata-rata 20,83% setelah tindakan siklus II. Strategi pembelajaran inkuiri dapat meningkatkan aktivitas dan hasil belajar siswa pada mata diklat Menggunakan Alat Ukur di kelas X Program Keahlian Teknik Mesin SMK YPT Pangkalan Susu T.P. 2017/2018.

Kata kunci: Rata-rata Hasil Belajar, Rata-rata Aktifitas Belajar, Strategi Pembelajaran Inkuiri (SPI)

ABSTRACT

Irwan Purba, 5113321014. *Application Of Inquiry Learning Strategy (ILS) To Improvement The Students Learning Outcomes At The Topic Of Used Measuring Instrument In Grade X Engineering Technical Program SMK N 1 Balige Academic Year 2017/2018*. Script. Faculty of Engineering, State University of Medan. 2018.

The objective of this research was to improve the students learning outcomes at the topic used hand tools in grade X engineering technical program SMK N 1 Balige Academic Year 2016/2017 through implementation of inquiry learning strategy (ILS). This research is an class action research (CAR) that consisted of two cycles. The subject of this research is students in grade X engineering technical program SMK YPT Pangkalan Susu Academic Year 2017/2018 that numbered 24 students. The collecting of data was doing by observation technical and given the test there was pretest that numbered 5 essay and posttest 1 and 2 for each numbered 10 multiple choice for each cycle. Parameter that was measured in this research were student learning activities and learning outcome. Observation was doing to observe the teacher activities and student learning activities. The learning outcomes could known by given the pretest before begining lesson and posttest that was given at the last of learning cycle. The activity that was observed were: (1) listening teacher's explanation, (2) giving opinion/hyphothesis, (3) asking, (4) responding teacher's question, and (5) responding the other student's question. The outcome in the first cycle had average 59,79, the percentage of classical completeness was 50% or 12 from 24 students. At the second cycle the outcome improve to 78,75, the percentage of classical completeness was 79,17% or 19 from 24 students. The average of teacher activities in the second cycle improve too, it was 20,83%. The inquiry learning strategy can improve the learning activities and students learning outcomes at the topic used measuring Instrumen in grade X engineering technical program SMK YPT Pangkalan Susu Academic Year 2017/2018.

Key word: *Average of Students Learning, Average of Activities Learning Outcomes, Inquiry Learning Strategy (ILS)*