

ABSTRAK

JUBEL LUMBANTORUAN, NIM 5113311010. Penerapan Strategi Pembelajaran *Genius Learning* Untuk Meningkatkan Hasil Belajar Mata Pelajaran Ilmu Bahan Bangunan Pada Siswa Kelas X Program Keahlian Konstruksi Batu Beton di SMK N 1 Lintongnihuta Tahun Ajaran 2016/2017.

Penelitian ini merupakan Penelitian Tindakan Kelas (PTK) yang bertujuan untuk menerapkan model pembelajaran yang dapat meningkatkan Hasil Belajar Mata Pelajaran Ilmu Bahan Bangunan pada Indikator jenis-jenis kayu, sifat dan karakteristik kayu serta kuat tarik dan tekan kayu.

Uji coba instrumen penelitian terdiri dari 23 soal pada siklus I dan terdapat 20 soal valid, uji tingkat kesukaran terdapat 20 soal sedang, uji daya pembeda tes terdapat 12 soal baik dan 8 soal baik sekali, uji reliabilitas tes didapat 0,96 (sangat tinggi). Pada siklus II terdapat 23 soal dan diperoleh 19 soal yang valid, uji tingkat kesukaran terdapat 18 soal sedang, dan 1 soal sulit, uji daya pembeda tes terdapat 11 soal baik dan 8 soal baik sekali, uji reliabilitas tes didapat 0,95 (sangat tinggi). Penelitian ini dikatakan berhasil apabila nilai rata-rata hasil belajar siswa memperoleh nilai minimal 80 dan berhasil secara klasikal jika 75% siswa yang tuntas.

Hasil penelitian menunjukkan perolehan hasil belajar siswa terjadi peningkatan, pada siklus I dengan nilai rata-rata 71 dengan persentase ketuntasan 26,67% dan meningkat pada siklus II dengan nilai rata-rata 85,5 dengan persentase ketuntasan 83,33%. Berdasarkan hasil penelitian tersebut bahwa dengan menerapkan strategi pembelajaran *genius learning* dapat meningkatkan hasil belajar mata pelajaran ilmu bahan bangunan pada siswa kelas X program keahlian konstruksi batu beton di SMK N 1 Lintongnihuta

Kata kunci :Strategi Pembelajaran *Genius Learning* dan hasil belajar.

ABSTRACT

JUBEL LUMBANTORUAN, NIM 5113311010. Implementation of Learning Genius Learning Strategy to Improve Learning Outcomes Subject of Building Materials Science on Grade X Student of Concrete Construction Construction Program at SMK N 1 Lintongnihuta Academic Year 2016/2017.

This research is a Classroom Action Research which aims to apply learning model that can improve the Study Results of Building Materials Science on Indicators of wood species, nature and characteristics of wood and tensile strength and wood press.

The test of research instrument consisted of 23 problems in cycle I and there were 20 valid questions, there were 20 problems of difficulty test, there were 12 good test and 12 excellent test, test reliability test was 0.96 (very high). In the second cycle there are 23 problems and obtained 19 valid questions, difficulty level test there are 18 problems are, and 1 problem is difficult, test the difference test power there are 11 good problems and 8 very good, test reliability test obtained 0.95 (very high). This research is said to be successful if the average value of student learning outcomes get a minimum score of 80 and succeeds in classical if 75% of students are thorough.

The result of the research shows that the result of the students' learning achievement is increase, in cycle I with the average value 71 with the completeness percentage 26,67% and increase in cycle II with the average value 85,5 with the percentage of 83,33%. Based on the results of that study that by applying learning genius learning strategy to improve learning outcomes subject materials building materials in students class x concrete construction program concrete construction in smk n 1 lintongnihuta

Keywords: Learning, Genius Learning Strategy ,and learning outcomes