

ABSTRAK

SARI BULAN SIREGAR, NIM 5113111038. Pengaruh Model Pembelajaran *Learning Start With A Question* Terhadap hasil Belajar Konstruksi Bangunan Siswa Program Keahlian TGB Di SMK Negeri 2 Medan. Skripsi, Fakultas Teknik Universitas Negeri Medan. 2018

Penelitian ini bertujuan untuk mengetahui sejauh mana pengaruh Model Pembelajaran *Learning Start With A Question* terhadap hasil belajar Konstruksi Bangunan dibandingkan dengan pembelajaran konvensional pada mata pelajaran Konstruksi Bangunan siswa program keahlian Teknik Gambar Bangunan SMK Negeri 2 Medan.

Sampel penelitian adalah siswa Kelas X Program Keahlian Teknik Gambar Bangunan, yang terdiri dari kelas TGB-1 sebagai kelompok Eksperimen dan kelas TGB-2 sebagai kelompok Kontrol. Variabel penelitian yaitu pembelajaran *Learning Start With A Question* dan hasil belajar Konstruksi Bangunan sebagai variabel terikat. Data diambil melalui metode test. Sebelum penelitian ini dilakukan terlebih dahulu di uji coba Instrumen untuk mengetahui validitas dan reliabilitas. Kemudian dilakukan uji normalitas terhadap data pre-test dan post-test.

Pada uji hipotesis ANAVA $F_{hitung} > F_{5\%}$ untuk Pre-test dan Post-test, Uji hipotesis data pre-test diperoleh $F_{hitung} = 0,293$ dan $F_{tabel} = 3,988$ disimpulkan bahwa tidak ada perbedaan secara nyata untuk kedua model pembelajaran tersebut sebelum diberi perlakuan dan untuk uji hipotesis data post-test diperoleh $F_{hitung} = 5,922$ dan $F_{tabel} = 3,988$, disimpulkan bahwa hasil belajar konstruksi bangunan yang menggunakan Model Pembelajaran *Learning Start With A Question* dan model pembelajaran konvensional menunjukkan perbedaan. Maka dilanjutkan dengan uji t. Dari perhitungan uji t diperoleh bahwa $t_{hitung} = 2,433 > t_{tabel} = 1,671$, berarti terima H_a atau H_0 ditolak. Hasil Penelitian menunjukkan hasil belajar mata pelajaran Konstruksi Bangunan pada siswa yang menggunakan Model Pembelajaran *Learning Start With A Question* pada siswa kelas X Program Keahlian Teknik Gambar Bangunan SMK Negeri 2 Medan T.A 2017/2018 lebih tinggi dibandingkan dengan pembelajaran konvensional.

Kata Kunci : Model Pembelajaran *Learning Start With A Question* dan Hasil Belajar



ABSTRACT

SARI BULAN SIREGAR. NIM 5113111038. The Influence of Learning Model Learning Start With A Question on the Learning Outcomes of Building Construction Students of the TGB Expertise Program at SMK Negeri 2 Medan. Essay, Fakultas of Engineering. University of Medan. 2018

This study aims to determine the extent to which the influence of Learning Start With A Question Learning Model on the learning outcomes of Building Construction compared with conventional learning in the subject of Building Construction students of Building Engineering Engineering students in SMK Negeri 2 Medan.

The sample of the study were the Class X students of the Building Image Engineering Expertise Program, which consisted of the TGB-1 class as the Experiment group and the TGB-2 class as the Control group. The research variable is learning Learning Start With A Question and learning outcomes of Building Construction as the dependent variable. Data is taken through the test method. Before this research was carried out first tested the Instrument to find out the validity and reliability. Then the normality test was performed on the pre-test and post-test data.

In ANAVA hypothesis testing $F_o > F_{5\%}$ for Pre-test and Post-test, hypothesis testing of pre-test data obtained $F_{count} = 0.293$ and $F_{table} = 3,988$ concluded that there was no significant difference for the two learning models before being given treatment and for testing hypothesis of post-test data obtained $F_{count} = 5,922$ and $F_{table} = 3,988$, concluded that the learning outcomes of building construction using Learning Model Learning Start With A Question and conventional learning models show differences. Then proceed with t test. From the calculation of the t test, it is found that $t_{count} = 2.433 > t_{table} = 1.671$, meaning that H_a or H_o is rejected. The results of the study show the learning outcomes of Building Construction subjects in students who use Learning Learning Model With A Question in class X students of Building Image Engineering Expertise Program at SMK Negeri 2 Medan is higher than conventional learning.

Keywords : *Learning Start With A Question Model* and Student Result

