

ABSTRAK

Saleh, Rahmad (NIM. 508311032). Hubungan Antara Penggunaan Media Grafis dan Aktivitas Belajar siswa dengan Hasil Belajar Menggambar Teknik pada Siswa Kelas XI Program Keahlian Teknik Gambar Bangunan SMK Negeri 1 Stabat Tahun Ajaran 2012/2013. Skripsi, Fakultas Teknik UNIMED, Medan 2013.

Penelitian ini bertujuan untuk mengetahui Hubungan Antara Penggunaan Media Grafis dan Aktivitas Belajar siswa Dengan Hasil Belajar Menggambar Teknik Pada Siswa Kelas XI Program Keahlian Teknik Gambar Bangunan SMK Negeri 1 Stabat dengan jumlah responden 30 orang.

Data penelitian variabel Penggunaan Media Grafis (X_1) dijangkit dengan angket. Aktivitas Belajar siswa (X_2) dijangkit dengan angket. Dan Hasil belajar Menggambar Teknik (Y) dijangkit dengan Observasi.

Berdasarkan uji coba instrumen didapat hasil : (1) variabel Penggunaan Media Grafis (X_1) 25 soal valid, reliabilitas sangat tinggi sebesar 0,86 pada taraf signifikansi 5%. (2) variabel Aktivitas Belajar siswa (X_2) 24 soal yang valid, reliabilitas yang sangat tinggi sebesar 0,84 pada taraf signifikansi 5%.

Uji normalitas dengan chi-kuadrat masing-masing variabel penelitian didapat hasil sebagai berikut : (1) variabel Penggunaan Media Grafis (X_1) yaitu $\chi^2_{hit} = 4,126 < \chi^2_{tab} = 11,07$ berdistribusi normal pada taraf signifikan 5%. (2) variabel Aktivitas Belajar siswa (X_2) yaitu $\chi^2_{hit} = 5,5 < \chi^2_{tab} = 11,07$ berdistribusi normal pada taraf signifikan 5%. (3) variabel hasil belajar Menggambar Teknik (Y) yaitu $\chi^2_{hit} = 2,273 < \chi^2_{tab} = 11,07$ berdistribusi normal pada taraf signifikan 5%.

Hasil uji masing-masing variabel penelitian didapat hasil : (1) persamaan regresi sederhana Y atas X_1 yaitu $\hat{Y} = 81,036 - 0,12X_1$, uji kelinieran persamaan regresi Y atas X_1 yaitu $F_{hit} = -0,09 < F_{tab} = 3,96$ mempunyai hubungan yang linier dan berarti pada taraf signifikansi 5%. (2) persamaan regresi sederhana Y atas X_2 yaitu $\hat{Y} = 77,804 + 2,13 X_1$, uji kelinieran persamaan regresi Y atas X_2 yaitu $F_{hit} = 0,71 < F_{tab} = 2,72$ mempunyai hubungan yang linier dan berarti pada taraf signifikansi 5%.

Hasil analisis korelasi antar variabel didapat hasil : (1) variabel Penggunaan Media Grafis (X_1) dengan hasil belajar Menggambar Teknik (Y) yaitu $r_{hit} = 0,57 > r_{tab} = 0,423$ menunjukkan korelasi positif dan berarti. (2) Aktivitas Belajar siswa (X_2) dengan hasil belajar Menggambar Teknik (Y) yaitu $r_{hit} = 0,52 > r_{tab} = 0,423$ menunjukkan korelasi positif dan berarti pada taraf signifikansi 5%.

Berdasarkan hasil penelitian ini diperoleh terdapat hubungan yang positif dan berarti antara Penggunaan Media Grafis (X_1) dengan hasil belajar Menggambar Teknik (Y). Terdapat hubungan yang positif dan berarti antara Aktivitas Belajar siswa (X_2) dengan hasil belajar Menggambar Teknik (Y). Dan terdapat hubungan yang positif dan berarti secara bersama-sama antara Penggunaan Media Grafis (X_1) dan Aktivitas Belajar siswa (X_2) dengan hasil belajar Menggambar Teknik (Y).

Untuk meningkatkan hasil belajar Menggambar Teknik, diharapkan guru melakukan upaya yang dapat meningkatkan Aktivitas Belajar siswa dan membantu siswa dalam menguasai penggunaan Media Grafis. Untuk meningkatkan Aktivitas Belajar siswa diharapkan guru sebagai pendidik lebih mengikutsertakan siswa dalam merancang suatu bentuk yang ingin dibuat sehingga dapat menambah kemampuan berfikir kreatif siswa. Oleh karena itu sebaiknya guru memberikan dorongan-dorongan positif kepada siswa dan lebih menghargai siswa.

ABSTRACT

Saleh, Rahmad (NIM. 508311032). The correlation between The Usage of Graphical Media and Activity Learn Student with The Outcome Students learning in Drawing Technique at SMK Negeri 1 Stabat Class XI Technique Draw Building Engineering Program 2012/2013. A Thesis. Faculty of Engineering. State University of Medan. 2013.

This study is attempted to know the correlation between the Usage of Graphical Media and Activity Learn Student with The Outcome Students learning in Drawing Technique at SMK Negeri 1 Stabat Class XI Technique Draw Building Engineering Program 2012/2013 with 30 respondents.

The instruments for collecting the data of Usage of Graphical Media (X_1) as independent variable were taken from questionnaire scores, Activity Learn Student (X_2) as independent variable were taken from questionnaire scores. And the outcome students learning in Drawing Technique (Y) as dependent variable were taken up from observation's when they do practice.

Based on the test instrument, the result was found as follows: (1) Usage Graphical Media (X_1) with 25 valid questions, in a very high reliability in amount of 0,86 at 5% test significance. (2) Activity Learn Student (X_2) with 24 valid questions, in a very high reliability in amount of 0,84 at 5% test significance.

The test for normality with chi-square in each variable can be seen as follows: (1) Usage of Graphical Media (X_1) is $\chi^2_{cal} = 4,126 < \chi^2_{tab} = 11,070$ with normal distribution at 5% test significance. (2) Activity Learn Student (X_2) is $\chi^2_{cal} = 5,5 < \chi^2_{tab} = 11,070$ with normal distribution at 5% test significance. (3) Drawing Technique (Y) is $\chi^2_{cal} = 2,273 < \chi^2_{tab} = 11,070$ with normal distribution at 5% test significance.

From the test instrument, the results were found as follows: (1) simple regression equation Y on X_1 was $\hat{Y} = 81,036 - 0,12X_1$, test linier regression Y on X_1 was $F_{cal} = -0,09 < F_{tab} = 3,96$ had the linear correlation at 5% test significance. (2) simple regression equation Y on X_2 was $\hat{Y} = 77,804 + 2,13 X_2$, had the linear regression Y on X_2 was $F_{cal} = 0,71 < F_{tab} = 2,72$ had the linear correlation at 5% test significance.

The data analysis of the variable correlation can be seen as follows: (1) Usage of Graphical Media (X_1) with Outcome Students learning in Drawing Technique (Y) is $r_{cal} = 0,57 > r_{tab} = 0,423$ show the positive correlation at 5% test significance. (2) Learning Interest (X_2) with Outcome Students learning in Drawing Technique (Y) is $r_{cal} = 0,52 > r_{tab} = 0,423$ show the positive correlation at 5% test significance.

Based on result of this research obtained there is relationship which are positive and means between Usage of Graphical Media (X_1) with Outcome Students learning in Drawing Technique Y). There is relationship which are positive and means between Activity Learn Student (X_2) with Outcome Students learning in Drawing Technique (Y). There is relationship which are positive and means jointly between Usage of Graphical Media (X_1) and Activity Learn Student (X_2) with Outcome Students learning in Drawing Technique (Y).

To Increase Result Of Learning To Draw Teknik, Expecting Teacher Effort Able To Improve Activity Learn Student And Assist Student In Mastering Usage Of Graphical Media. To Increase Activity Learn Student Expected Teacher As Educator More Involve Student In Designing An Form Which Wish To Be Made So That Can Add Ability Of Creative think Of Student. Therefore Better Learn To Give Positive Motivations To Student And More Is Esteeming Of Student