ABSTRAK

Indrarawati Moomin, 2015. " Hubungan Minat Belajar Siswa Dengan Kecerdasan Logis Matematis Terhadap Hasil Belajar Fisika Siswa. Pada Siswa Di SMA Muhammadiyah Batudaa." Program Studi Pendidikan Fisika, Jurusan Fisika, Fakultas Matematika Dan ilmu Pengetahuan Alam, Universitas Negeri Gorontalo dibawah bimbingan Bapak Dr. Masri Kudrat Umar dan Ibu Supartin M.Pd.

Penelitian ini bertujuan untuk mengetahui Hubungan Minat Belajar Siswa Dengan Kecerdasan Logis Matematis Terhadap Hasil Belajar Fisika Siswa Pada Siswa di SMA Muhammadiyah Batudaa. Penelitian ini menggunakan metode kuantitatif dengan analisis statistik melalui uji regresi dan uji korelasi. Dari hasil pengujian tersebut diperoleh persamaan regresi $\hat{Y} = 64{,}203 + 0{,}425X_1 + 0{,}476X_2$ setiap kenaikan satu unit skor minat belajar siswa dengan kecerdasan logis matematis maka akan diikuti oleh skor kenaikan skor hasil belajar fisika sebesar 0,425 dan 0,476 unit pada konstanta 64,203. Sedangkan pengujian hipotesis berdasarkan perhitungan koefisien korelasinya r= 0,6417 dengan koefisien determinasinya r^2= 0,41185 atau 41,19%. Dengan pengujian keberatiran koefisien korelasi diperoleh harga t_{hitung} lebih besar dari t_{tabel} = 9,45>1.7 pada taraf 0,05. Sehingga dapat disimpulkan terdapat hubungan minat belajar dengan kecerdasan logis matematis terhadap hasil belajar fisika di SMA Muhammadiyah Batudaa. Oleh karena itu, guru harus kreatif untuk menumbuhkan minat belajar siswa agar tujuan pembelajaran fisika yang diharapkan dapat tercapai .

Kata Kunci : Minat Belajar, Kecerdasan Logis Matematis dan Hasil Belajar Fisika Siswa.

ABSTRACT

Indrawati Moomin, 2015. "The Relation of Students' Learning Interest and Mathematics Logic Intelligence toward Students' Learning Achievement of Physics Subject at SMA Muhammadiyah Batudaa." Study Program of Physics Education, Department of Physics, Faculty of Mathematics and Natural Sciences, State University of Gorontalo. The Principal supervisor was Dr. Masri Kudrat Umar and co-supervisor was Supartin, M.Pd.

The research aimed at investigating the relation of students' learning achievement and mathematics logic intelligence toward students' learning achievement of physics subject at SMA Muhammadiyah Batudaa. The research applied quantitative method using statistic analysis through regression and correlation tests. From the result of the measurement, it gained the regression equation as $\hat{Y} = 64{,}203 + 0{,}425X_1 + 0{,}476X_2$ which meant that each increase as one unit of the score of students' learning interest and mathematics logic intelligence, it would be followed by the increase of the score of physics learning achievement as 0,425 and 0,476 at the constanta of 64,203. The hypothesis test showed that the correlation coefficient resulted r= 0,6417 and determination coefficient resulted r^2 = 0,41185 or 41,19%. Thus, the test of the significance of correlation coefficient gained that the value of t_{count} was higher than the value of t_{table}, or it can be stated as follows: 9,45>1.7 at level of significance as 0,05. Thus, it can be concluded that there was a relation of students' learning achievement and mathematics logic intelligence toward students' learning achievement of physics subject at SMA Muhammadiyah Batudaa. Therefore, the teacher should be creative to improve students' learning interest in order the physics learning goals can be achieved.

Keywords: Learning Interest, Mathematics Logic Intelligence, and Students' Learning Achievement of Physics.