ABSTRAK

Erlin Katie Melani Siregar.4193321015. Peningkatan Motivasi Belajar Dan Kemampuan Literasi Sains Menggunakan Model Pembelajaran Kooperatif Tipe Student Team Achievement And Division Di SMA Negeri 1 Pangaribuan

Penelitian ini bertujuan untuk meningkatan motivasi belajar dan kemampuan literasi sains siswa serta mengetahui signifikansi hubungan antara motivasi belajar dan kemampuan literasi sains siswa melalui pembelajaran kooperatif tipe student team achievement and division (STAD). Penelitian ini merupakan jenis penelitian kuasi eksperimen dengan desain pretest-postest control group. Populasi penelitian seluruh kelas XI MIPA SMA Negeri 1 Pangaribuan T.P 2022/2023 sebanyak 5 kelas dan sampel penelitian ini Kelas XI MIPA 3 (Kelas Eksperimen) dan XI MIPA 4 (Kelas Kontrol) diambil secara simple random sampling. Instrumen yang digunakan adalah angket motivasi belajar dan lembar tes kemampuan literasi sains berbentuk pilihan ganda sebanyak 20 soal. Hasil penelitian yang didapatkan rata-rata motivasi awal dan akhir belajar di kelas eksperimen 49,76 dan 79,33 sedangkan untuk kelas kontrol adalah 46,63 dan 64,6 dan rata-rata pretest dan postest kemampuan literasi sains siswa pada kelas ekpserimen 37,33 dan 80,33 sedangkan di kelas kontrol 33,83 dan 56,67. Selain itu diperoleh hasil uji korelasi untuk r_{tabel} (0,8185)> t_{hitung}(0,050) dengan kategori "tinggi". Dengan demikian hasil penelitian pembelajaran kooperatif tipe STAD meningkatkan motivasi belajar dan kemampuan literasi sain siswa dan menunjukkan hubungan signifikan antara motivasi belajar dan kemampuan literasi sains.

Kata Kunci: STAD, Motivasi Belajar, Kemampuan Literasi sains

ABSTRACT

Erlin Katie Melani Siregar. 4193321015. Increased Learning Motivation And Scientific Literacy Ability Using Models Cooperative Learning Type Student Team Achievement And Division At SMA Negeri 1 Pangaribuan

This study aims to increase learning motivation and scientific literacy skills and to determine the significance of the relationship between learning motivation and students' scientific literacy abilities through student-team achievement and division (STAD) cooperative learning. This research is a type of quasi-experimental research with a pretest-posttest control group design. The research population was all XI MIPA classes at SMA Negeri 1 Pangaribuan T.P 2022/2023 and the research samples were Class XI MIPA 3 (Experimental Class) and XI MIPA 4 (Control Class) taken by simple random sampling. The instruments used were a learning motivation questionnaire and a scientific literacy ability test in the form of multiple choice of 20 questions. The research results showed that students' learning motivation and scientific literacy skills increased. This can be seen from the results of the calculation of the N-gain scores of learning motivation and students' scientific literacy skills increase with the "moderate" N-gain score category. In addition, the results of the correlation test were obtained for rtable (0.8185) > tcount (0.050) with the "high" category. Thus the results of STAD type cooperative learning research increase students' motivation and scientific literacy abilities and show a significant relationship between learning motivation and scientific literacy abilities.

Keywords: STAD, Learning Motivation, Science Literacy Ability