

ABSTRAK

Penelitian ini bertujuan untuk mengetahui pengaruh penggunaan model *Project Based Learning* terhadap motivasi belajar siswa, peningkatan hasil belajar siswa pada materi koloid, mengetahui hubungan motivasi dengan hasil belajar siswa dan mengetahui peningkatan hasil belajar siswa dengan *model Project Based Learning* dibantu dengan media animasi pada bahan koloid. Untuk mencapai tujuan tersebut digunakan model *Project Based Learning*. Instrumen penelitian yang digunakan adalah tes dan non tes. Hasil penelitian menunjukkan terdapat pengaruh penggunaan model pembelajaran berbasis proyek berbantuan media animasi terhadap motivasi siswa pada materi koloid dengan besar thitung 19,01. Terdapat pengaruh penggunaan model pembelajaran berbasis proyek berbantuan media animasi terhadap peningkatan hasil belajar siswa dengan nilai thitung sebesar 6,59. Terdapat korelasi positif antara motivasi belajar siswa dengan peningkatan hasil belajar yang diajarkan dengan menggunakan model *project based learning* berbantuan media animasi pada materi koloid dengan besar rhitung 0,56 dan pengaruh motivasi terhadap hasil belajar siswa sebesar 31,3%. Terdapat peningkatan hasil belajar siswa dengan model *Project Based Learning* berbantuan media animasi pada materi koloid dengan rata-rata peningkatan dari 32,96 menjadi 82,96 dan memperoleh nilai gain sebesar 0,743 atau 74,3% dengan kategori tinggi.

Kata kunci : *Project Based Learning*, Video Animasi, Motivasi, Hasil Belajar, dan Koloid



ABSTRAK

This study aims to determine the effect of using the Project Based Learning model on student learning motivation, increasing student learning outcomes on colloidal material, knowing the correlation between motivation and student learning outcomes and knowing the increase in student learning outcomes with the Project Based Learning model assisted by animated media on colloidal material. To achieve these objectives, the Project Based Learning model was used. The research instruments used were tests and non-tests. The results showed that there was an effect of using the project-based learning model assisted by animated media on student motivation in colloidal material with a large tcount of 19.01. There is an effect of using the project-based learning model assisted by aimasi media on improving student learning outcomes with a tcount of 6.59. There is a positive correlation between student motivation and the improvement of learning outcomes taught using the project-based learning model assisted by animated media on colloidal material with a large rcount of 0.56 and the effect of motivation on student learning outcomes of 31.3%. There is an increase in student learning outcomes with the Project Based Learning model assisted by animated media on colloidal material with an average increase from 32.96 to 82.96 and obtained a gain value of 0.743 or 74.3% with a high category.

Keyword : project based learning, Animation Videos, Motivation, Learning Results, and Colloids

