INTEGRATED SCIENCE AND MATHEMATICS: DOES IT FORTIFY INSTRUCTION OF 'FORCE AND MOTION'?

Ozden Deveci  
Akcali Naci Uyar Secondary School  
Hatay, Turkey

Muzaffer Ozcan  
Cukurova University  
Adana, Turkey

Abstract

An answer to the question of whether or not integrated science and mathematics has any effect on academic achievement of students for teaching force and motion was sought. A group of 61 randomly selected sixth grade students, of whom 30 and 31 were respectively in experimental and control groups, participated in this study. A science achievement test was used as a data collection tool. No significant difference between the two groups was observed.

Key Words: Science Education, Integration, Science, Mathematics.