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## Club activities as a pedagogical approach to increase interest in science

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### Abstract

*Reduced interest in natural disciplines is cited as a major problem in many European countries. International study conducted with students from 35 countries, examines the differences in interests, priorities and attitudes towards science. Data show that in general the attitude towards them is positive. However, there is a reluctance to make a career in science and technology.*

*On the other hand, among the subjects taught in school science are most closely connected with the surrounding world. This provoked a natural curiosity and allows the use of different ways to motivate through activity. Than those specified in number of hours, natural subjects successfully combined in a number of extracurricular activities, club forms, competitions, quizzes, theatrical and themed events.*

*The question is how training in these disciplines to make more suitable and meaningful to young people in a way that takes into account gender, culture and interests? What methods and approaches to choose to increase interest in science and the professions? Club activities prominently as a prevailing form of extracurricular activities, promotes and develops a number of schools. Clubs offer students the opportunity for activities you like and who define themselves.*

*Many schools in Bulgaria are involved in projects related to extracurricular activities. About 50% of students are involved in various forms of extra-curricular activities. Clubs were established in the areas of the sciences, healthy lifestyle, communication skills in a foreign language, cultural and digital competences. The focus is on equitable interaction of teachers and students in a joint activity. Students are active participants: artists, explorers and discoverers of knowledge, teachers are their mentors and supporters.*

*The objective of this work is to show some aspects of the club forms and their role as an approach to increasing interest in natural subjects.*

### 1. Introduction

*To respond to changes cover all areas of life, education must evolve in a new direction. The focus should be directed to the learning of many facts from other disciplines, and to focus on the development of competencies and skills to enable successful implementation in society. Young people need to prepare for the challenges of life. Education should be oriented towards equitable interaction of the teacher and children in joint activities. Students are not passive listeners, and to engage in various activities. Young people should be active participants, experimenters, researchers, discoverers of knowledge; teachers are their mentors and supporters. Teachers mostly to guide students and discuss ideas, guide and direct the learning process of acquiring knowledge and skills needed to implement a selected direction. This is related not only to changes in curricula, but the overall approach to education at school entry of new technologies and enhanced forms of extracurricular activities.*