

The Evaluation of the Developed Differentiation Approach: Students' Achievements and Opinions

Esra Altintas¹ and Ahmet S. Ozdemir²

Faculty of Ataturk Education, Marmara University, Istanbul, 34722, Turkey

¹Telephone: +905336996091,

E-mail: ¹<hoca_kafkas@hotmail.com>, ²<aso23@hotmail.com>

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ABSTRACT The purpose of this paper is to analyze the effect of developed differentiated approach on the achievements of both gifted and non-gifted students and to evaluate the differentiated approach in terms of students' opinions. In this paper, from the mixed method types, "descriptive design" was used. It was concluded that the developed differentiated approach increased the achievement of the students. Also, the students have the idea that the activities made in the scope of research developed their mathematical abilities, became entertaining, instructive and held students responsible about self-learning. Students want to make the activities based on developed differentiated approach for the other subjects of mathematics and in the other lessons. Thanks to the studies made, students stated that they learned many new things, their mathematical and social abilities developed and they reinforced the subjects they learned.