GIFTED AND TALENTED IN MATHEMATICS DO NOT ONLY NEED HARD WORK, BUT SMART WORK AS WELL

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Abstract

Nowadays technical and scientific progress is associated with the mathematization of knowledge in all fields of science. For this reason, we need to create an elite group of deep-rooted students in the field of mathematics. These students constitute a resource for the renewal and continuous empowerment of the intellectual potential of each country.

In this paper, we will discuss what the characteristics they present are in the learning process. Are our school-math teachers capable of identifying and working with gifted students? If they are able to identify them, are they able to work with the talented students in classes full of students with different studying and understanding levels. What are the issues that the teachers face in the teaching process to identify and work with them? We will also discuss which the ways a teacher should use them to identify are and which the techniques that should be used in order for the students not to lose their interest and let their talent go to waste are.

We also make some proposals to be taken by the relevant institutions for the careful, systematic and scientifically studied cultivation of the students.

Keywords: Talented in math, characteristics of students gifted in math.