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## Commercially available diagnostic device use in educational process: Experience and innovation

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### Abstract

The publication material discloses the use of the methodology of psychopedagogical diagnostics in working with children and students of different age groups, organized under the leadership of the school psychologist, social educator, school or university teacher or students in Elabuga educational institutions of the Republic of Tatarstan. Here an analysis of the experience of the diagnostic and commercially available device use by the teachers and students of Elabuga Institute of Kazan Federal University (EI KFU) is described, in particular: "Activation meter - AC-9k", "Comfort LOGO", "Personality factor questionnaire (diagnosis of personality traits according to the procedure designed by P. Cattell)". Particular attention is paid to the organization of work with children in the mode of "a fairy-tale therapy": - "Lord of Wonderland", "Island of Childhood" and some other activities. A technology of modified diagnostic children's games (children's game kits) development is proposed as an innovative direction in commercially available diagnostic device use in school and university educational work. The article describes ways to design children's game kits, the techniques and methodology of their use in working with students in schools, additional educational institutions, as well as in the classroom at the children's camp "Intel Summer" and teenage associations "Junior Programmer" and "Young Physicist". According to the authors, the development of commercially available diagnostic children's game kits, as well as their use contribute to professional and creative development of all the members of educational process.

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### Keywords

Consolidation of school and university knowledge in academic, Creative, Diagnostic equipment, Diagnostics, Educational institutions, Gaming technology, Technical and game activities, Training of future teachers