

Integrated Learning, Information Technologies and Project Activity within the “School - University” System: Experience of Application

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Abstract: The experience of interaction between Tambov State Technical University and Secondary School No. 1 “Skolkovo School - Tambov” is presented both in organizational and methodological terms. A possible model of classes for additional education in the conditions of the “school – university” system is proposed and analyzed on the basis of the implemented educational and methodological project “Mysteries of the Egyptian pyramids” for students of the 7th grade of the secondary school No. 1 “Skolkovo School - Tambov”. It is proved that the presented project corresponds to the main directions of the methodological work of the Department of Humanitarian, Social and Aesthetic Education of Secondary School No. 1 “Skolkovo School - Tambov” and can be used as a model for conducting similar classes, as well as organizing additional education programs within the secondary school. The designated areas - the formation of IT competence, the development of project activities and the active use of elements of integrated learning - are determined taking into account the main trends in the development of education in the Russian Federation, which allows us to conclude that there is potential for preparing students for studying in higher educational institutions, and in the long term - and the training of specialists whose competence meets the requirements of the time.