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### **New vectors of development of Russian education**

**Abstract:** The global direction of education development is related to the technological component of this process. Education around the world is subject to a process of transformation against the background of the development of IT technologies, neural networks and metaverses. Virtual worlds as innovations primarily explain their application not only in the field of education, but also in the high-tech industry.

AI has not yet been built into pedagogy in the literal sense, but at the same time tracks have already been organized in which this innovation will be applied: "interpenetration of educational environments", "multimodal pedagogy", its coverage in education remains uneven until the rules for its use in educational institutions are introduced.

Russian education has a unique history and its own development orientation. Over the years, innovations that have been introduced into the process of formation of a new paradigm of education have been introduced in two directions: from the top (through educational reforms) and grassroots innovations (through the proposals of the participants in the educational process themselves).

The central idea of education is the idea of continuous human development as a subject of activity. The understanding of development as a continuous process should be combined with the principle of developmental learning, the orientation of educational activities not only to cognition of the world, but also its transformation.

The main trends and directions of development of modern education include such as globalization, fundamentalization, humanization, technologization, standardization, computerization.