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## Implementation Strategies for “5G+Education” Teaching Activities

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Situational cognition, embodied cognition, and activity theory have all affirmed the positive impact of the environment on individuals. The high-speed and spatiotemporal nature of 5G can provide a rich teaching resource environment. This study adopts a teaching activity design concept that combines tradition with innovation to continuously optimize the implementation strategies of “5G+education” in teaching practice, adapting to changes in teaching methods and learning strategies brought by the integration of 5G emerging technologies. The research focuses on the Education Informatization 2.0 action and takes “5G+education” as the core of teaching activity design. It explores the implementation strategies of “5G+education” teaching activities in combination with online teaching and research during epidemic prevention and control in the 5G era. Additionally, the study explores feasible teaching activity implementation strategies of 5G in educational applications. Although the educational community has not yet formed systematic research and conclusions, and 5G educational applications are still in the exploration stage with considerable challenges in the combination and promotion of 5G and educational scenarios, reasonable use of the advantages of 5G technology to implement teaching activities can effectively solve existing educational problems and promote educational innovation. It is expected that the new educational intelligent teaching mode of “5G+education” will have better development and prospects in the future.

### Keywords

“5G+Education”, Teaching Activities, Education Informatization

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