
NEWSLETTER

Analysis on Effects and Potential Influencing Factors of Massive Online Education Practice during the COVID-19: A Case of Xiaogan City, Hubei Province

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IN this study, Xiaogan City, Hubei Province was used as the research area to explore the effects and potential influencing factors of large-scale online education practice of “School is Out, but Class is On” during the COVID-19 pandemic, trying to form a regular understanding and discovery, and hoping to promote the follow-up work and the providing a reference for the future development of online education. The research mainly includes four aspects: the guidance of education administration departments and leadership, the basic status of online teaching and home study, the satisfaction degree of students, teachers, and parents; the practical effects of online education, and the potential influencing factors. Data collection mainly adopted methods such as questionnaire surveys, online classroom observation, online interviews, policy text analysis, and case collection. The research results are as follow:

- The basic situation of large-scale online education practice in Xiaogan City, Hubei Province: in terms of organizational management, there are guaranteed; in terms of platforms and tools, regional education cloud platforms are highly used by teachers and students in elementary and junior high schools, the types of platforms used in high schools are relatively diverse, and the use of tools for primary, junior and senior high schools is also showing a diversified trend; primary schools and junior high schools make more use of regional, provincial, and national platform resources. High schools mainly use resources collectively selected and produced by subject groups and resources independently produced by teachers; in terms of teaching content and teaching methods, the teaching content includes subject curriculum and special education. The teaching methods mainly use live broadcast, resource packages, recording and broadcasting resources, organization of independent learning and TV programs, etc. From the perspective of family-school collaboration, parents mostly participate in the student's learning process by paying attention to

notifications, companionship and supervised learning and assignments inspection. In terms of satisfaction degree, students in rural areas are more satisfied than those in cities, and students in the junior high school are the most satisfied, the high school students' satisfaction degree is the lowest, teachers' satisfaction of online teaching is at a medium level, while parents' satisfaction of online teaching is relatively high.

- Practical effects: through the guidance and leading of the education administration departments, it has promoted the coordination of multiple departments, improved the educational governance capacity, the construction and application of the online learning space, and laid the foundation for integration and innovation; through implementation and action, the school has promoted the transformation of the school's education concept and methods, and clarified the needs and goals of smart campus construction and smart education practice; through exploration and adaptation, teachers and students actively explored and adopt, which promoted the comprehensive development of teachers and cultivated students' independent learning ability and digital literacy; through the support and service, the education informatization enterprise has demonstrated the enterprise's responsibility, improved the brand reputation, and provided an opportunity for the enterprise to participate in the school education process in an all-round way; through cooperation and participation, families enrich the content of family-school communication and provide opportunities for co-education.
- Potential influencing factors includes online education concept, online education guarantee and supply, teacher-student literacy and ability, and family-school co-education.

Through the above analysis, it is looking forward to providing a reference for the theoretical research and practical exploration of future online education in primary and secondary schools.

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