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IAF SPACE EDUCATION AND OUTREACH SYMPOSIUM (E1)
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A RESEARCH ON SPACE EDUCATION PERFORMANCE MODELS IN MIDDLE AND PRIMARY SCHOOLS

Abstract

Abstract:With the development of the Internet, Internet of Things, and smart hardware, digital technologies are permeating every aspect of life and are constantly integrated with different industries in different fields.The advent of the digital age promote teaching break the limit of time and space . To promote the revolution in teaching and learning, provide a lot of valuable resources for learners and made the education fair from ideal to reality. This background of the times provided a good foundation for the development of space education .Space education is not limited to STEM disciplines, many disciplines such as social sciences and geography can be involved in. Space education is well developed in the United States, Japan, Israel and other countries, but space education did not get enough attention in In Chinese schools.Besidepromoting education on the network platform,Space education should have a place in the curriculum system of formal education. It can take three forms: The first one is to set up short-term spatial education unit or module in compulsory parts of different subject courses so as to improve students' basic academic ability and problem-solving skills.The second is to provide space education courses in different elective courses so as to enhance the applicability and expansibility of their respective disciplines. The first third one is to try to open a space education course in comprehensive practice activities or school-based elective courses to break the boundaries of disciplines and cultivate students' habit of focusing on exploring a particular topic. China's curriculum system is relatively fixed. How to effectively achieve interdisciplinarity among different disciplines and leave a place for space education is a major challenge.