

Conference of the Symposium on School Education Reform under the
Background of Digital Education Transformation 2023

Abstract#: A-2023-RE10015

Zhongliang Xiangyun Branch of Chengdu Longjiang Road Primary School

February 27-28, 2023, Zhengzhou, Henan Province, China

Building Smart Classrooms to Foster Efficient Research Modes: A Case Study of Zhongliang Xiangyun Branch of Chengdu Longjiang Road Primary School

Gen Guo

Affiliation: Zhongliang Xiangyun Branch of Chengdu Longjiang Road Primary School, Chengdu, Sichuan, China

Address: 8 Linjiang Middle Rd, Wuhou District, Chengdu 610041, Sichuan, China

Correspondence to: Gen Guo, E-mail: 80575003@qq.com

DOI: <https://doi.org/10.15354/sief.23.s1.ab015>

The author declares no competing interest.

As technology and education continue to integrate, digitalization has paved the way for a new type of school under smart education that emphasizes efficient classrooms, behavioral data analysis, and the common growth of teachers and students. The smart education model of the new era seeks to enhance classroom management and evaluation efficiency, boost learning and cognitive efficiency, and promote high-quality and efficient learning. This paper proposes the creation of smart classroom scenes that use modern camera and AI research and analysis software and hardware systems to accurately collect behavioral data and form “digital portraits” and educational knowledge maps of teachers and students. By doing so, teachers can improve their professional abilities in education and teaching, and optimize the development and growth path of students. Furthermore, the construction of intelligent scenes is expected to improve teaching methods and transform classroom teaching, leading to innovation in education and teaching and talent training models, and facilitating scientific and personalized evaluation of classroom teaching. The ultimate goal is to achieve education in the new era that caters to individual needs and aptitude.

Keywords

Smart Education, Teaching Scene, Smart Classroom

Science Insights Education Frontiers, 2023 March 31; Vol. 15, Suppl. 1, pp.15.

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