

## An Overview of Technology Use in Special Education

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### Abstract

Technological developments offer significant opportunities to support the education, communication, and daily living skills of individuals with special needs. The aim of this review study is to explain the technologies used in special education, examine their contributions to the independent lives of individuals with special needs through concrete examples and scenarios, and provide practical recommendations for the future.

In the study, technologies used in special education are examined under the headings of assistive technology, educational technology, and supportive/digital technology, taking into account their purpose of use and function. It is observed that assistive technologies play an important role in increasing individuals' functional competencies and independence; educational technologies support the quality and individualization of the learning process; and supportive/digital technologies contribute significantly to organizing learning processes and strengthening daily living skills.

In conclusion, the effective use of technology in special education is made possible through selections based on individual needs, pedagogical integration, and informed practices. This study approaches the use of technology and AI-supported technologies not from a tool-centered perspective, but from a purpose- and function-oriented viewpoint, thereby offering a guiding framework for practitioners and researchers.