THE IMPORTANCE OF TECHNOLOGY IN DISABLED STUDENTS' LEARNING PROCESS

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Abstract: *This article shows the effective sides of technology in many fields, especially for students who have some problems that are related to their mental and physical health. Students with physical disabilities can gain benefit from several studying devices such as laptops , computers and others. Gadgets play an essential role in learning foreign languages simultaneously for students. Kids with mental disorder like autism spectrum can utilize technology in order to communicate with their acquaintances. Technology can ease the learning process of disabled people.*

Key words: *mental and physical health, physical disabilities, autism spectrum, foreign languages.*

INTRODUCTION

There is no denying conviction that in this contemporary epoch technological gadgets are rapidly coming into our life as a sword and we can observe them in every sphere of life. The purpose of the research article is showing different methods through technological gadgets in learning sphere for disabled students. It is true the the method of teaching in an efficient way for disabilities has always been a great concern educators.

MAIN BODY

Generally, assistive technology helps in two ways : it can help the students how to complete the given tasks and it can help to by pass an area of difficulty. For students with handwriting difficulties, being able to take notes on a laptop or computerized device such as an IPAD can improve the quantity and quality of the notes [1] . In addition , students may identify and correct more errors when using them , check than when editing by hand [2].

Examples of a Continuum of Considerations for Assistive Technology

Alternatives for Students who Experience Handwriting

Difficulties as a Result of Motor Impairment

Regular pencil or pen

Pencil or pen with special grip, larger size, etc.

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Pencil or pen with special grip and special paper

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Typewriter/word process or /computer to keyboard instead of write

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Word processor/computer with spell checker to improve spelling

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Computer with keyguard, support for arm, etc. to improve accuracy .

Students with physical disabilities

There are few studies are available for learners with physical disabilities. One notable study conducted in Kenya investigated educational resources and mobility devices in primary school. There were 30 children with physical disabilities and 4 parents . About 54 % provide mobility devices such as walkers , calipers, wheelchairs, which give an opportunity to their kids participate different activities at home and, 21% provide various devices for use at school . More than 30% of parents believed teachers should take responsibility for providing child mobility or AT. [3]

Deaf and hard-of-hearing students

Few studies identidied for learners who have problems with their hearing . All studies took place in special schools using number of learners. Study by Munoz er al, (2018) , which included hard-of-hearing learners in the development and testing software , all studies published in science , engineering with an emphasis on testing a software program for accessibility , with little reference to pedagogy. [4]

New information technology in the education of disabled children and adults

(Routledge, 2018). Information technology can offer huge benefits to the disabled. It can help many disabled people to overcome barriers of time and space and to a much greater extent it can help them to overcome barriers of communication. In that way new information technology offers opportunities to neutralise the worst effects of many kinds

of disablement. This book reviews the possibilities of using information technology in the education of the disabled. Commencing with an assessment of the learning problems faced by disabled people, it goes on to look at the scope of information technology and how it has been used for the education of students of all ages, particularly in the United Kingdom and the United States. A penultimate section considers most of the contentious issues that faced users of technology, whilst the conclusion devotes itself to the immediate and longer-term future, suggesting possible future trends and the consequent problems that may ariser alternate way of accessing keyboard. Actually, I'm really smart". Individuals with learning disabilities have at least average and often above-average intelligence. In fact, many individuals have the dual diagnosis of being both gifted and LD. Susan Hamilton, a learning disabilities specialist, says, "It is a lonely existence to be a child with a disability that no one can see or understand. You exasperate your teacher, you disappoint your parents, and, worst of all, you know that you are just not stupid."I absolutely agree with this opinion , if people alive they need never give up doing something , it is true sometimes disabled people get unmotivated or disappointed because of their health issues. However life goes on . There is nothing that stops life. Happiness, achievement, failure everything will come and go.

Conclusion: Today everything is related to technology. It can ease our lifestyle . Furthermore, when these technologies are available, affordable and accessible , they represent more then transformation for people with disabilities. They represent real opportunities with access to an inclusive education and help to overcome the obstacles they met in classical educational system. Some disabled students have mental disorder related to their hearing , speaking or understanding problems. For them technical devices give an opportunity to learn some basic concepts while studying .

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