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**Technological applications in the Classroom in the
Field of Intellectual Education**

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Abstract

This study is focused on using technology in the classroom with Intellectual disability students. It includes the important and the benefit of using technology in the classroom for both teacher and intellectual disability students. It shows that technology will make learning easier, keep students interested, and natural curiosity. Also, it increases motivation and active learning. It is perfect way for doing collaboration with peers. Using technology in the classroom helps students and teacher to have technical skills and personalized education. It provides symbols, diagrams, or pictures instead of word, which helps Intellectual students. Using various applications with Intellectual students is helpful and useful. I recommend using technology in the classroom in order to make it fully creative and interesting. It develops the curriculum and methods of teaching.

Keywords: Electronic, Effectiveness, students, curriculum, creative Teacher, school.

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التطبيقات التكنولوجية في الفصل الدراسي في مجال التربية الذهنية
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ملخص

هذه الدراسة تركز في استخدام التكنولوجيا في الفصل الدراسي مع طلاب الإعاقة الذهنية. حيث إنها تتضمن الأهمية وفوائد استخدام التطبيقات التكنولوجية في الفصل الدراسي لكل من المعلم وطلاب الإعاقة الذهنية.

التطبيقات التكنولوجية تجعل التعلم بسهولة، تبقى الطلاب مستمتعين أثناء التعلم، وأيضا تزرع فضول التعلم.

وأیضا التطبيقات التكنولوجية تزيد الحماس للمتعلم وفعالية التعليم. وتعتبر من أفضل الطرق في عملية التعاون التعليمي بين الأقران. إن استخدام التطبيقات التكنولوجية داخل الفصل الدراسي تساعد طلاب الإعاقة الذهنية والمعلم للحصول على مهارات تعليمية وتربوية تعليمية ذاتية. إنها تشمل رموز وأشكال وصور وليس فقط كلمات وهذا يساعد طلاب الإعاقة الذهنية. إن التنوع في استخدام التطبيقات التكنولوجية مع طلاب الإعاقة الذهنية مفيد ومساعد على التعلم. أنا كباحث أحث وأفضل استخدام التطبيقات التكنولوجية في الفصل الدراسي من أجل خلق بيئة تعليمية مليئة بالإبداع والاستمتاع. حيث إنها تطور المنهج الدراسي وطرق التعليم.

الكلمات المفتاحية: إلكتروني، فعالية، الطلاب، المنهج الدراسي، المعلم المبدع، المدرسة، طلاب الإعاقة الذهنية.

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Introduction

Technology continues to be a significant force in the development of the community. From the primary roles, such as communication, to complex ones, like budgeting and computation of production and allocation of resources, technology plays a vital role in the attainment of set outcomes and goals. Additionally, education remains one of the major sectors in the areas of this generation that stands to gain mainly from the implementation and proper use of technology in individual segments of operations (Gorder, 2008). Both students and teachers benefit significantly from the application of relevant technology systems. The integration of technology in the classroom setting will benefit students and teachers significantly.

The study problem:

Intellectual disability students do not have the level of knowledge like other students. We would know how using application might help them in learning. In some district, there is lack of using technology for many reasons for example the internet access or lack of teacher's experience. When leader knows how is important using technology in the classroom especially nowadays, leader will require whoever works in the school to use technology in the classroom.

Purpose of this study:

The purpose of this study to explore the meaning, and the effective way of using technological applications in the classroom with Intellectual disability students. It includes the implementation of technology in the classroom. There are various examples of technology that might help teacher in the classroom. For example, Google Education, You Tube, Apple Education, Social medial, and Video games.

Research questions:

- 1- What is technology in the classroom?
- 2- What are ways that teacher can use technology in the classroom?
- 3- What is successful implementation of technology in the classroom?
- 4- What are benefits of integrating technology in education?

Terminology:

Mental retardation refers to significantly sub average general intellectual functioning (BELOW 70) resulting in or associated with concurrent impairments in adaptive behavior and manifested during the developmental period. - American association on mental deficiency,1983

Technology: the application of scientific knowledge for practical purposes.

Increase: a rise in the size, amount, or degree of something.

Accessible: able to be reached or entered.

Grading System: grades are passing grades in completed courses.

Integration: the action or process of integrating like combination.

Capability: the power or ability to do something.

Platforms: a raised level surface on which people or things can stand.

Examinations: a formal test of a person's knowledge or proficiency in a subject or skill.

Technology in the Classroom

Technology in the classroom is viewed in various perspectives regarding definition and understanding in various settings. It is defined as the study of the effectiveness of the technology meant to enhance education through empowering teachers and students in the learning process (Ertmer, Ottenbreit-Leftwich, Sadik, Sendurur, & Sendurur, 2012). In essence,

through the system, students learn how they can research and conduct evaluation and analyses using the internet and software. At the same time, students can develop skills such as data collection and evaluation through the integration of elements like internet evaluations and sampling of previous research articles on the same topic assigned to them. Technology in the classroom also refers to the integration of technological elements in enabling students to learn and understand the lessons and skills (Geer & Sweeney, 2012). Indeed, integrating technology in their learning process offers students a hands-on experience that enables them to understand and relate to specific skills that are critical in the attainment of learning goals. For instance, they use computers, phones, and tablets to access learning materials such as books and other digital documents to learn and complete their assignments. At the same time, they submit their work online for marking and review by tutors and then access their results. Also, tutors prepare the learning materials and outlines that the students can access to use in their learning process. Through the simplification process, a tutor can monitor the progress of the students digitally and even determine the participation of the students (Geer & Sweeney, 2012).

Ways a Teacher can use Technology in the Classroom

There are various ways technology can help teachers increase the efficiency of the learning process for students in the classroom setting. While some students get to learn and understand the lessons during the lesson, other students find it hard to follow through the lessons at the time of the lecture. Through the integration of technology in the learning process, teachers can develop notes and lectures either in a presentation

form or video and post it on a website accessible to all the students within their class. It is important to actively involve the students, and ensure skills are mastered before moving on, which is helpful and interesting for Intellectual disability students. They need lots of practice with instruction, materials, and examples. Teachers always should make a good connection to previously learned skills in multiple used of application and Include environments where the skill is to be applied.

Repeating is hard especially for students who have the same concern but would prefer different approaches to learn. Using technology, a tutor can develop a specific lesson plan that fits the needs and understanding of each student. This reduces the repetition of the process year after year for the different students. With one copy present students can always access the notes even without the presence of the teacher (An & Reigeluth, 2011).

By using computer in writing application, intellectual disability students can write in large size. Teacher should be patient with intellectual students because they need break tasks into small steps, explicitly teach each step, and peer-mediated instruction.

Also, teachers can make a grading system that enables them to assign points according to the participation of the students in the different activities in the classroom within a learning period. The activities may include simple activities, course learning programs, and even quests that seek to establish how a student performs in a given activity. The number of points awarded for a specific activity should depend on its complexity. The activity eases the teaching process and helps the students develop thinking and cognitive skills while participating in these skills.

Successful Implementation of Technology in the Classroom

The most significant success story in the integration of technology in learning is the success of online learning platforms among students in universities and colleges. A teacher is free to record a lecture either in an audio or video file and post it on the class' website. Using their personal computers, students can download the lecture and listen to it during their free time and make personal notes. Also, the lecturer can prepare notes and follow-up questions and post them for the students to read and answer at the end of the lesson respectively. Then students can post responses on the web portal for the lecturer to access. Examinations and other evaluations are also done in the same way irrespective of the distance the lecturer is from the students and the setting of learning that would have otherwise affected the learning process.

Benefits of Integrating Technology in Education

The integration of technology increases the learning capability of students within different platforms. One significant advantage is the increase in information retention rate among the students when a technique is applied to the learning experience. The use of visual art and participatory settings and elements within the learning setting increases the ability of students to remember the lesson. At the same time, the use of technology comes with the benefit of storing information and data on a lesson or session, which allows the students to get access to the following learning session whether on their own or within the learning environment. As a result, students can remind themselves of the lesson learned in the classroom and do further research at their own time.

Technology also exposes children to self-learning. It offers students variation in information and experience, which allows them to cross-reference learning resources and materials enabling understand a topic thoroughly. This is an advantage to the student since he or she can make a further query on issues related to the current lesson, which increases their understanding while building on their learning experience. It has flexibility, Power, and Choice. It is good for application Integration for Everyone. It helps you track students' progress. Educational technology is good to the environment. With technology, students enjoy learning. Students and teachers can access information at any time. Technology makes distance learning more accessible than ever. Technology makes collaboration more effective.

Lastly, technology helps establish a connection with the students in a learning environment. Students learn to become managers, leaders, and even policymakers shortly. Technology offers a wide range of information which relates to the way students understand people in the professions that they want to be in the future. The traditional learning experience lacked these real-time events that can increase the passion and interest of the students in understanding what it takes to attain that proficiency that they are seeking to have in the future.

Conclusion

There are various untapped opportunities for the education sector in as far as integration technology is concerned. The changes and advancements in the use of technology in other areas also increase the ways it can be used in enhancing the learning experience among students. Applications make teaching intellectual disability student valuable for

them. Teacher who works with intellectual disability students should try different application because there is always updated, which would be easier for students. As the 21st century continues to amaze people in terms of the extent to which technology can revolutionize everyday roles and activities, the education sector also has to be considered to ensure students benefit to the maximum. Since, they are preparing themselves to enter the career world where they are expected to take leadership position using technologies.

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