An Overview on the Contents of the Internet

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ABSTRACT: This research looks at the impact of the web on students' academic achievement in postsecondary institutions in Zambia's Niger state. The research was guided by five survey questions. The survey technique was used to gather data, and questions were used as the instrument of data collection. Three institutions were chosen at random, and a sample of 300 pupils was drawn from each. For data collection, a questionnaire was issued. The information gathered was analyzed using descriptive statistics. The findings show that in current age of Information and Communication Technology. The internet is one of the most useful tools for academic purposes. The research also highlighted some of the issues that people face while using the internet, such as slow internet speeds and a lack of consistent power supply. It was recommended, among other things, that the school admin implement awareness programs to encourage students to take advantage of the benefits of using the web for educational purposes.

KEYWORDS: Academic, Performance, Computer, Network, Internet, Institution.

1. INTRODUCTION

The use of technology is changing how things get done, including work at tertiary institutions where the teaching and learning has to be improved significantly. Understanding well. The internet is an important instrument for facilitating academic activity at Zambia's tertiary institutions, the managers of these institutions of higher learning have spent significantly in providing internet services in their institutions for a number of years. The industry's services have had a significant impact on university authorities, as well as teaching and learning methods. The Internet has linked machines all around the world. According to Fossae and Aladeniyi, developing countries like Nigeria must be completely prepared to improve and empower its academic institutions, both in scientific and technology ability, in order to progress and achieve their economic and social status. As a result, students in their respective fields will need a variety of reliable and engaging ways to obtain and retrieve knowledge without wasting time. Similarly, the usage of the Internet is heavily influenced by a number of factors, including the goal, the students' experience, the location, the Internet facilities and services accessible, and the academic pursuits of the students at their institutions, among many others[1].

1.1. Statement of the Problem:

Students at Nigeria's tertiary schools use the Web for academic purposes such as writing a paper, looking for solutions for questions, and interacting with peers regarding assignments. However, spending time in activities that involve "surfing the web" may take time away for reading, studying, and doing homework. This may have a brief negative impact on academic achievement. As just a result, the study looked at how effective internet usage is and how it impacts students' academic performance. The primary objective of this study is to determine how students use the internet and how that affects their ability.

1.2. Research Aim and Significance:

The point of the study is to look at the success of students studying English with the use of a piece of cardboard. The goal of this study is to use modern teaching technologies to enhance the quality of primary students' work[2].

1.3.   Problem Sentence:

The central issue sentence was, do interactive whiteboards make any contribution to pupil English language learning at the elementary level?" Some hypotheses were determined to measure the effects of smart board use on student success.

1.4.   Smart Board:

The smart board has been alluded to as the interactive board, the digital board, and the interactive whiteboard in Turkish and international literature. When we look into the history of the smart board, we can see that the name of the smart board producer, Smart Technologies Corporation, inspired the change from "power electronics.to "smart board.

1.5.   Foreign Language Teaching:

In Turkey, learning a second language became compulsory after the fourth grade in primary schools. It is clear that pupils' age have an impact on their language active learning. It will not be effective enough the planning procedure for academic topics does not take into consideration the age of the student group. The purpose of utilizing 4th grade children as examples is to evaluate whether or not that age range is well-suited to language acquisition[3].

1.6.   Data Collection and Preparation:

It is essential to describe the context in which the study took place in order to set the scene again for study of the implementation of new instructional materials. We observed what physics teachers used the IWB in their lessons in a pilot study.as well as conducted semi-structured interview sessions with two of the educators.to gain insider viewpoints on how the introduction of IWBs, that also occurred about two days ago to our study, had affected one's teaching practice. Based on the pilot project, the researcher worked with one of the instructors.to assist them in introducing new instructional materials that focus on using IWBs to promote active student engagement. A year before the experiment, the researcher who showed Anna how to utilize new IWB-based material had taught physics to one of the classes at the same school.

He established a cordial, collegial relationship with the physics teachers at the school by participating inside the physics-teacher collective and engaged in frequent conversation with them. This contributed to the creation of a trusting and collaborative environment that allowed for a genuine interchange of ideas and views, as well as providing her researcher with a different view on the study's procedures. All of the interviews were recorded and the transcriptions were translated. We also transcribed the audio from the videotapes, translated it, and integrated it as subtitles into the video recordings, allowing for more methodical viewings. We was using the activity theory conceptual framework to analyze the data.

1.7.   Theoretical Framework: Activity Theory:

Activity theory, also known as cultural-historical activity theory, is a conceptual framework that defines and making concept of human activity. It is not a prediction theory in the literal sense of the word, but rather a conceptual model for describing and making concept of human activity. It was first developed by Alexei Leontiev.and later developed further by Western academics, notably notably You Angstrom. It is based on the ideas of Soviet cultural historical psychology. Activity theory, which takes inspiration on Vygotsky's work, is particularly well suited to use in study where the investigator engages with and affects the studied situation in so-called formative intervention. As a result, our selection of research techniques is intrinsically tied to our decision to utilize action research.

While it is impossible to provide a full explanation of AT inside the confines of this article, we do provide a short outline of AT's main principles that are relevant to the research. The subject in theory is a person. Who has agency. A subject act in order to achieve specific goals, and their activities are directed towards the activities as such object. The item does not have to be a tangible thing. For example, the object might be a home that's also constructed or a theory that's also developed. The user often uses tools to interact with item. The tools, like the item, may be tangible. Or internal. As according AT, tools influence the way a subject interacts with just an object on the one side, and have evolved in response to the subject' demands on another. As a result, the instruments are molded by the experience of those who have had them in the past, and they carry a heritage of potential and limits behind them. This tradition is handed on via the learning and teaching of when and how to utilize certain tools[4].

1.8.   *Using Activity Theory as an Interpretive Framework in Our Study:*

We decided to approach the examination of the events surrounding the preparation and implementation of a lesson from of the viewpoints of the involved instructors and students for the purposes of this study. This implies that we'll focus on two related activities: students' involvement in the lesson as well as the teacher's efforts to plan and deliver the lesson. Our goal is to identify various order conflicts again for two bordering activities, as defined by the us. The study's goal is to see whether and how conflicts in the activities of the monitored students and teachers may be addressed so that all stakeholders can benefit from a novel method of utilizing IWBs in physics instruction.

We went over the teacher and student interview transcripts and video footage many times to create a holistic picture from the collected data, and color-coded portions of the text according to the topic under discussion: the nodes in the activity scheme in Fig. 1 indicate separate color groups. We looked at how the tagged text samples connected to each other across multiple data sources. This classification wasn't really intended to serve as an unbiased coding scheme, but rather as a tool to assist the researcher, who was already immersed inside the situation, in unpacking, conceptualizing, expressing what was going on in activity theory terminology, and identifying relevant features and contestations inside the studied and bordering activities[5].

1.9.   *Context of Our Study:*

We address the study's context in this section by describing the study's setting and giving an overview of the attending instructors' or students' previous experience with smart boards. We explain how one of the teachers learnt to utilize the smart board. And that she has developed and advanced her IWB usage in the class in the past. We also discuss the views of the students

involved on the current IWB culture. The research was conducted at a four-year gymnasium junior high that educates pupils for college. It had about 1000 pupils and 85 teachers at the time of the research, and was completely equipped with Interactive whiteboards.

For around two years. Students are typically 14 or 15 years old when they begin first year 18 or 19 years old when you complete the 4 years. During first three years of school, all pupils are required to study physics. During regular physics lectures, the research was conducted with two second-year classes. Painting a picture of the established culture of IWB usage was necessary, in accordance with AT principles, if we wished to detect its underlying conflicts and explain the evolution of the activities observed during the research. For this, we examined the results of our pilot research, as well as data including interviews conducted. And mock interviews.

1.10. Teachers Involved in the Study:

Two teachers volunteered to take participate in our study. We explain how one of them finished the required amount of lesson preparation of students, which has been given by the investigator, then implemented a new IWB-based lesson. Anna, the first volunteer, was a mathematics teacher with a lot of expertise. She said that she has been not particularly enthusiastic regarding computers and computer usage in the classroom, but and she was neither in favor of nor against including technological advances in learning and teaching. Anna: I have to confess that I am not excited about various technological assistance.

I just use IWB and keep in touch with because it is obvious to me that it exists, that it is helpful and beneficial, but I am not one of the first people to become interested in this sort of stuff for no other reason than curiosity. When it came to promoting the usage of IWBs, she positioned her as neither the most nor the least enthusiastic instructor at the school. Anna: I don't believe I'm the last one to embrace it. Maybe I'm somewhere within the center. In the past several years, I've progressed from utilizing the most basic tools, such as writing, sketching, and colors, to progressively relying on the IWB. Preparing materials advance, including pictures and graphs[6].

1.11. Uptake of IWB Use at the School:

Many schools throughout Slovenia opted to install smart boards in their classes in the mid.However, its implementation has not been supported by a government teacher training program. Every school has to deal with teacher preparation of future for the use of Interactive whiteboards by itself. Teachers that are electronics have often participated in teacher education at their schools and helped others in learning how to use IWBs[7]. Our school had a similar issue. IWB workshops for teachers of all subjects were prepared by two physics teachers, some of which were compulsory and others of which have been targeted at teachers who've been especially interested in obtaining the most out of the IWB. As Paul said, they mainly educated themselves how use IWB by testing and discussing its possibilities with each other. Instructors' compulsory training was reduced to a minimum by the school authorities, since several teachers did not share Peter and Scott's excitement for the new technology[8].

1.12. Students Involved in our Study:

The research comprised 54 students, including 26 in first class and 28 in the second. About one week after the revised lesson was introduced, two students, one in each of the classrooms where the new teaching was introduced, engaged in quasi group interviews. Every interview group included students taking part in the course in a number of ways. The first group consisted of two students. Who actively used the IWB during the lecture and two students who did not? The second group consisted of 3 students, both of whom utilized the smart board throughout the lesson and one who did not. Despite the fact that small groups were not completely representative of the courses they originated from, the discussions that took place during the interview highlighted significant concerns surrounding new and established ways of utilizing the IWB. The students' perceptions of the existing culture of IWB usage in physics classes were similar to the teachers. The IWB was mostly utilized as a normal whiteboard for writing and drawing. Nevertheless, the students praised the Connectedness of the IWB's board- and computer-like usage, saying it was better and Bore linked than using an ordinary board with a more conventional computer-projector combination[9].

2. DISCUSSION

The Internet is the nation's biggest computer network system. Millions of smaller domestic, academic, business, and governmental networks make up the Network, which together transport a wide range of information. The 'net' is the acronym for the internet. Hundreds of millions use it on a daily basis all over the globe. The internet became an unavoidable part of our everyday lives. Proper internet usage makes life easier, faster, and simpler. For personal, social, and economic growth, it internet offers us with facts and statistics, data, and knowledge. Here are just few instances: The network is a worldwide of billions of websites that may be accessed using a web browser. Email is the most common way to send and receive messages via the internet. Websites and apps that allow users to exchange comments, photos, and videos are known as the social media. Social networking, e - mails, mobile apps, online multiplayer games, Internet telephony, document sharing, and streaming media applications are just a few of the apps and services available on the Internet, which would be dominated by the Web. In reality, no one owns the Internet, and no one person or entity has complete control over it. The Net, which is more of an idea than a physical entity, is based on a physical architecture that links networks to another network. Everyone who uses the internet, in principle, owns it[10].

3. CONCLUSION

Over the last few years, Turkish schools have already had access to smart boards that are utilized both in academic and commercial settings outside of Turkey. The advantages and disadvantages of using a smart board in the classroom, as well as its contribution to school career, started to be studied. The advantages, drawbacks, and uses of smart boards in 4th grade English instruction were studied for this study. To evaluate the study findings, hypotheses have been developed. The course subject of the session in which the experimental groups utilized smart boards and the control group utilized ordinary blackboards was chosen from Unit 6 of the 4th grade session book. The experimental firm's success test post-test was higher than the control group's over the period of 5 weeks. It may be inferred that the experiment group received better teaching as a consequence of the intelligent board's visual, auditory, and interactive features than the control group.

Lessons can be run more efficiently if these receptors are used. Teachers utilize a smart board often during class sessions, according the study performed by Kurt and et al. Teachers utilize the smart board to share a variety of lesson resources, including those developed with their pupils. The use of more tools and a wider range of techniques in the teaching process may be said to make lesson learning more permanent. Smart boards aid in the effective teaching of visual senses through the use of various pictures/visual materials, hearing senses through the use of various ambient noises and group sessions, and kinesthetic receptors by the use of touch. These findings were obtained via the testing of hypothesis to determine the effects of the research issue. According to Tewfik's study, the smart board's colors, shading, and highlight tools may be utilized successfully in graphic activities and fraction problems, while these properties can also be employed to indicate linguistic parallels between Turkish and English while teaching English. Smart boards may be used to match various versions of words, questions, and answers in grammar classes. According to Bake and et al. who conducted research to discover teachers' perspectives on teaching technology, their preferred instruments for teaching include technologies like the device and the internet.

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