

## THE IMPACT OF INSTRUCTIONAL TECHNOLOGIES IN TEACHING ENGLISH IN SUDANESE SECONDARY SCHOOLS IN KHARTOUM STATE

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**ABSTRACT:** *This study aims at searching for the trends of the teachers of English Language towards using the educational technologies in secondary schools in Khartoum state and the impact of that upon the students learning. The sample of study is secondary schools teacher and directors of English language in Khartoum state .and the tool of collection data is questionnaire ,in addition the interview for directors of the English language. The researchers has noticed the decline of the standard of the students at English language, though the lack of attention of using education technology in teaching English language and the negative trends of English language teachers might be one of the reasons of decline*

**KEYWORDS:** Teachers of English Language, Instructional Technologies, Secondary Schools.

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### INTRODUCTION

Scientific progress, technology and the population explosion have led to the knowledge accumulation, fast transferee of it and the increase of individual educational ambitions. This formed many pressures on the educational institutions to provide education with high efficiency for the increasing numbers of students with low possible costs.

It has become for the education new prospects and fields that is because of the stunning challenges derived from the needs of the epoch and the development necessities which targets the education and its styles. All these are for meeting its excessive increase in preparing the students and education demanders, which requires educational institutions with specifications that receives this huge numbers of the students.

Furthermore the knowledge is in excessive increase where the available time in classes will not be able to absorb that. This increase requires using the technology in the educational process, especially in the English Language.

The educational technology is considered as one of the important pillars of developing the education, because they supports and increases its efficiency. The perfect usage of educational technology requires special kind of teachers who have the sufficient knowledge, skill, and the capacity of the effective functional utilization of these technology in the context of modern teaching systems, as well as using technology in teaching the English language, surely it makes this subject take distinguished place among other subjects.

English language is considered to be international language, and consequently the learning of it has become a necessity in the modern era where in it interests are interlinking with each

other. Moreover the communication of people is increasing, so that the learning of national language alone is not enough to address the development challenges at all levels.

The importance of learning English language at the secondary school stage stems as it is from one of the subjects that qualify for admittance of university education.

The question about the extent of the provision of educational technology and its role in teaching English language in the secondary school stage in Sudan, and about the extent of effectiveness and harmony with other elements, which combines the educational positions was at the concern of the researcher which made the feeling this problem went deep on him. So he gave it his concern and adopted it with research so as this study must reach to results for those who are concerned with the technology, may find it helpful to them in standing on the education and developing evaluation and development of educational technology as well as the media used in teaching of English language in the context of the walk on and efforts exerted to enable the students, to understand this subject, which may help achieve the educational objectives.

The world pays great attention to the trends of teachers which is very essential in the education process since it has great effects on the motivations of students towards the subject and consequently on their performance.

The preparation and training of the teacher is ever continuing process concerning the entire world, Learning organizations and international institutions. There is increasing attention to improve the trends of teachers towards the process of education and its technology. This improvement is essential target for those who work in this field. In addition to that the technical, economic, cultural and political education technology and different media of improving the outputs of education process, the world has become a small village due to the technology in the recent time that a normal person can move easily from one place to another virtrally.

English language is the medium of communication of people all over the world. It is the language of sciences, media, economy, policy, that is to say it is the dominant language and internationally agreed upon as a complementary element of development of different fields. This unique position of the English language has drawn attention to acquire it and students have been encouraged to acquire it so as to know what is going on all over the world.

Who follows up this situation in Sudan, notices the decline of the standard of English language and the obvious retardation of the students standard of all stages.

Many factors have critical contributions to this problem which leads to this situation. Insufficient attention of using educational technology is one of these factors. Since the trends of teachers towards using educational technology is central point to improve the ways of teaching of English language, the researcher has bound himself to work on this tissue and that is through research and study as essential step on the way of improving the situation of English language in the secondary stage in Khartoum State.

As a matter of fact we can say that the technology of learning is mainly connected with.

- 1- Human – being resources.
- 2- Teaching and technology.
- 3- Materials as a whole printed.

## METHODS AND MATERIALS

The suitable methodology for this study is the descriptive methodology, Sample (1) It includes 60 teachers of governmental secondary schools of English at Khartoum State, who participated in English Language. This sample represented 60 of the total number of Khartoum State teachers. Sample (2) Thirty Directors of English language of the governmental secondary schools at Khartoum State.

The data of this study have been derived from the respondents of the two samples to a questionnaire and an interview.

### The Questionnaire:

The researchers have made up the questionnaire and consulted with a supervisor to change some topics according to his feedback. After that the questionnaire has been evaluated by a scholar specialized in education and curriculum development. According to their feedback, the researcher has changed by adding some topics and deleted some ones. This leads to the validity of the questionnaire. The reliability of the questionnaire has been calculated by a small sample of the questionnaire and by using SPSS we find Alfa Cronbach according to the equation

$$\alpha = \frac{k}{k-1} \left( 1 - \frac{\sum S_i^2}{S_x^2} \right)$$

where S is standard deviation (Lyle. F. Bachman, 2004, pp64), which reached 0.80 is higher percentage according to the educational opinions; Sixty copies of questionnaires were distributed to the teachers who have been teaching English language at Khartoum State.

## DISCUSSIONS

The first Issue: The role of the educational technology in teaching English language at the secondary schools.

**Table (1) shows the result to identify the opinions of the sample on the issue.**

No	Clause	Mean	S.D
1	It improves performance in the educational process in the secondary schools	4.74	0.741
2	It assists in communicating information through a lovely way to the students	4.66	0.591
3	It provides solution for class crowding	4.06	1.056
4	It observes the individual differences among the students	3.83	1.317
5	It provides live expertise for the students	4.54	0.852
6	It induces the concern of students and renews their activities, contributions and satisfy their desires in education	4.83	0.568
7	It contributes in reduction of failure rates of the students	4.03	1.043
8	It reduces the time used in transferring information, skills and expertise to the students	4.71	0.458

9	It assists in explaining the naked terms by live media which enables visual images in he learners' brains.	4.74	0.561
10	It assist in simplifying and explaining the information and thoughts	4.69	0.530
11	It assists the students in performing the required skills with activity and desire	4.46	0.886

This table indicate that the study community individuals, agreed with a very high degree, on all clauses of this issue, which proves the significance of the educational technology in teaching in teaching English language at the secondary schools because it:

- 1- Improve performance in the educational process in the secondary schools.
- 2- Assist in communicating information through lovely style to the students.
- 3- Assist in providing live expertise to the students.
- 4- Stimulates actively the concerns and renew their activities and participation.
- 5- Minimizes the time used in transferring the information, skills and attractiveness of the students.
- 6- Assists in simplifying and explaining the information and thoughts.

The Second Issue: The role of the educational technology in the academic learning of English language at the secondary schools.

**Table (2) explains the result to identify the opinions of the sample on the issue.**

No	Clause	mean	S.D
1	Enhancing the relationship between the teacher and the student, if it is used effectively and efficiently which may contribute in the increase of academic learning	4.66	0.684
2	The teacher keenness in communicating in English with students during displaying the educational mean will contribute in increasing their academic learning	4.63	0.547
3	Training of the teachers of the English language on operating and maintaining the educational technology will increase in academic learning of the students.	4.60	0.604
4	It avails to the teacher and the student a chance to know the immediate results of his/her work through feedback which may contribute in the academic learning of the students.	4.69	0.530

The table(2) shows that the study sample individuals agreed on all clauses of this issue with a very high degree which media that the educational technology have a very big role in the increase of the academic learning of the English language. This comes through:

- 1- Enhancing the relationship between the teacher and the student, if it is used effectively and efficiently which may contribute in the increase of the academic learning.
- 2- The teacher keenness in communicating in English with students during displaying the educational mean will contribute in increasing their academic learning.

- 3- Training of the teachers of the English language on operating and maintaining the educational technology will increase in academic learning of the students.
- 4- It avails to the teacher and the student a chance to know the immediate results of his/her work through feedback which may contribute in the academic learning of the students.

The Third Issue: The characteristics and conditions of the educational technology used in English language teaching at the secondary schools.

**Table (3) represents the result to identify the opinions of the sample on the issue.**

No	Clause	mean	S.D
1	Of concern and attention for the students.	4.69	0.867
2	In its preparation, designing and production psychological basis and general principles should be observed	4.60	0.847
3	It should be in connection with the syllabus and checking its objectives	4.83	0.453
4	Proportional with the time and effort required for its usage.	4.51	0.658
5	Proportional with the environment in which it is displayed from its tradition, and its industrial or natural resources.	4.26	1.010
6	It complies with the number of the students in the class	4.57	0.655
7	Well designed as for the sequence of thoughts, elements and transfer from one educational objective to another.	4.69	0.583
8	Within its design and production the right content from the aspects of academic, technical and structure should be observed.	4.66	0.591
9	It must contain the elements of the motivation, attraction and stimulation of attention..	4.66	0.802
10	It must be creative and distant away as possible from the traditional production.	4.57	0.655
11	It must be made from the raw materials found in the local environment to minimize the cost	4.46	0.919

The table above confirms that the study sample individuals agreed on all clauses of this issue with a very high degree, where these individuals asserted that, these characteristics and conditions which the educational technology used must enjoy English language teaching:

- 1- It may be of concern and attention for the students.
- 2- It should observe in its preparation, designing and production, physiological basis and general principles in connection with the syllabus and checking its objectives. .
- 3- It should be proportional with the time and effort required for its usage.
- 4- It should be proportional with the environment in which it is displayed, in terms of its traditions and its industrial natural aspects.
- 5- It compiles with the number of the students in the class.
- 6- It should be well designed as for the sequence of thoughts, elements and transfer from one educational objective to another.
- 7- It should be observe within its design and production, the right content from the academic, technical and structural aspects.

- 8- It must contain the elements of the motivation, attraction and stimulation of attention.
- 9- It must be creative and distant away as possible from the traditional production.
- 10- It must be made from the raw materials found in the local environment to minimize the cost.

The Fourth Issue: The role and contribution of the teacher in the academic learning of the students at the secondary schools using through the educational technology.

**Table (4) introduces the result to identify the opinions of the sample on the issue.**

No	Clause	mean	S.D
1	English language teacher using educational technology shall contribute in the increase of the academic learning of the students	4.54	0.74
2	English language teacher keenness in monthly tests upgrade the academic learning levels.	4.54	0.70
3	Understanding of the English language teacher may assist in the performance of the students.	4.66	0.684
4	The teaching burden weigh may affect directly on the performance of the teacher and hence on the academic learning level of the students.	4.63	0.770

The table above confirms that the study sample individuals agreed on all clauses of this issue with a very high degree, which media that the role and contribution of the teacher in the students' academic learning of English language at the secondary schools through using educational technology. This role represented in:

- 1- English language teacher using educational technology shall contribute in the increase of the academic learning of the students.
- 2- English language teacher keenness in monthly test upgrades the academic learning levels of the students.
- 3- The accurate follow up and correction of the English language teacher may rise in the performance of the students.
- 4- Love of the teacher of English language may improve the performance of the students.
- 5- The teaching heavy burden may affect directly on the performance of the teacher and hence the academic learning level of the students.

The Fifth Issue: The difficulties and problems which face the teachers of the English language at the secondary schools in Khartoum State by using educational technology in teaching the material.

**Table (5) expresses the result to identify the opinions of the sample on the issue.**

No	Clause	mean	S.D
1	Discouragement of the school management to the teachers of the English language in using educational technology	4.20	1.08
2	Non existence of the material used in producing educational technology.	4.20	1.02
3	Carelessness of the school management, in the participation of teachers, in the training courses in the field of using educational technology.	4.26	1.172
4	Non existence of the specialized technical staff in producing, operating and maintaining educational technology.	4.06	1.282
5	The increase of teaching burden in the timetable of the teacher, may constitute constraint in using educational technology.	4.34	1.027

This table explains that the study sample individuals agreed on all clauses of this issue with a high degree, on all the problems indicated in this issue which media that these problems can be represented in:

- 1- Discouragement of the school management to the teachers of the English language to use educational technology.
- 2- Non existence of the material used in producing educational technology.
- 3- Carelessness of the school management in the participation of teachers in the training courses in the field of using educational technology.
- 4- Non existence of specialized technical staff in producing, operating and maintaining educational technology.
- 5- The increase of teaching burden in the timetable of the teacher may constitute constraint in using educational technology.
- 6- Shortage in financial aspects.

## **CONCLUSION AND RECOMMENDATIONS:**

### **CONCLUSION**

In the light of the objectives of this study, as well as the issues presented in the study and discussion and through the analysis of the information stated in the previous chapters. It is obvious that there was a severe lack of concern about the educational technology, and their use in the teaching process, as one of the assisting elements that make the educational process a success. Therefore, to avoid these shortcomings, it would be better to reconsider and intensify the educational effort to investigate the importance and necessity of the use of the educational technology by the teacher, as they were considered to be as an active factor in increasing the academic learning of the student. The study concludes the following:

1. The secondary schools in Khartoum State are lacking the educational technology and consequently there was no physical training for the teachers of English Language, in using the educational technology, in these schools.

2. The Ministry of Education was not keen enough to direct the teachers of the English language, at the secondary schools, to use the educational technology in teaching this subject.
3. In spite of the directives stipulated in the National Comprehensive Strategy of Education to use the educational technology. However, lack of funds constituted a major obstacle in implementing these directives and at the same time transforming them into a tangible reality.
4. Heavy teaching burden related to the teacher, besides the critical economic situation he is experiencing left its negative impact on his concern of the educational technology in the teaching process.
5. No appropriate school environment was established, e.g. provision of instruments and teaching aids, as well as building spacious theaters. .

## RECOMMENDATIONS

From the previous chapters of this study and the results which have been reached, the researcher in recommending the following:

1. The competent bodies should give more concern to the importance and necessity of using the educational technology.
2. The study also recommends the establishment of specialized theaters in English Language at the secondary schools, in the State.
3. The researcher recommends the importance of recruiting specialized technical cadres in the field of producing, operating and maintaining the educational technology, at the secondary schools.

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