



## آثار التعلم الإلكتروني على تعلم اللغات (اللغة الإنجليزية نموذجاً)

### Effects of E-learning on Language Learning (English Language as a Model)

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## الملخص

مع تطور العلوم في مختلف المجالات وزيادة حاجة الإنسان للتطوير والابتكار وخاصة في عصر التكنولوجيا ظهرت العديد من المفاهيم والمصطلحات المتنوعة في مجال العلوم ومن بينها التعليم الإلكتروني الذي هو عنوان وهذا البحث، وبشكل أدق، بيان أثر هذا الأسلوب التعليمي في اكتساب اللغات الأجنبية وتحديد اللغة الإنجليزية. ويتكون هذا البحث من فصلين. وتتضمن هذه الفصول تعريفات لبعض المفاهيم المذكورة وتوضيحات لبعض أنواع التعلم الإلكتروني ونظرياتها. ثم يتناولون المراجعة التاريخية للغة الإنجليزية في بعض المناطق. كما أن هذا الأسلوب الحديث يطرح تساؤلات حول مدى صلاحيته لاعتماده بشكل مستقل في التعليم. وهذا البحث يسد الفجوة في تلك الأسئلة من خلال الإجابة عليها. ثم ختم هذا البحث بالخاتمة والمصادر.

الكلمات المفتاحية : التعلم اللغة ، اللغة الإنجليزية

## Abstract:

With the development of science in various fields and the increase in the human need for development and innovation, especially in the era of technology, many concepts and various terms have appeared in the field of science, including e-learning, which is the title of this research, and more precisely, the statement of the effect of this educational method in acquiring foreign languages, specifically the English language. This research consists of two chapters. These chapters include definitions of some concepts mentioned and clarifications of some types of e-learning and their theories. Then, they deal with the historical English language review in some regions. Also, this modern method raises questions about whether it is suitable to be adopted independently in education. This research fills the gap in those questions by answering them. Then, this research concludes with a conclusion and sources.

**Keywords:** learning, language and English



## **Introduction- :**

The manifestation of development covers several life aspects, including the scientific field, considered one of the most important bases that life and humans get up with and build the world. With the Emerson of Islam glare since first creation, then the appearance of Islam illumination, which came to revive self via faith greatness and its approach, knowledge, and induction of seeking science by learning in every legal means and varied, the learning process is constantly evolving. The style of education has been developing through the ages, whereas its tools are usually varied. With this development of technology and life aspects, I became affected by it. I entered a modern style in the scientific aspect of electronic learning, which depends on modern electronic and technological means, including networks, applications, wired and wireless equipment, and many more. The role of technology has stood out and been emphasized in recent decades, especially with the spread of COVID-19, which has turned off life paths partially or entirely, including the learning process. In contrast, the scientific foundation must depend on e-learning alone or blend with traditional learning to continue education. Opinions differ regarding the e-learning mechanism between supporters and opponents, the effectiveness and responses of the students to it, the quality of its findings, and its effect on the learning process.

## **Research Problems- :**

E-learning is one of the newly developed educational tools. Reactions about it are varied, and opinions differ about its outputs, positives and negatives, the extent of its sobriety, the efficiency of its results, its ability to continue the scientific process, and whether it was possible to dispense with traditional education and adopt electronic education as a substitute for it. The problem lies in dealing with the modern system through students and those responsible for this process. including teachers and students, and whether the results of this system are fruitful in learning the prescribed curricula and languages.

## **Research Questions:**

- What is the role of e-learning in acquiring the English language?
- Is it possible to fully adopt e-learning instead of traditional education?



- What is the efficiency of e-learning outcomes?

### **Research objectives- :**

- Presenting the role of e-learning in English language acquisition.
- Statement of the effects and results of e-learning.
- Showing the efficiency of e-learning and whether it can be adopted mainly.

## **Chapter One – Definition and Historical Review**

### **1.1 Definition of E-learning, Language and English Language**

Generally, E. LEARNING can be defined linguistically and technically.

It can be described linguistically; it is a new method used with the aid of contemporary technologies, and the teacher educates his students through it. Technically, E-learning refers to the process of delivering information to students through internet networks, devices, and applications.[1]

E-learning that relies on electronic media for communication between teachers and students and between students and the educational institution as a whole is known as electronic or virtual education. Many terms, such as (online education), (web-based education), and (electronic education), are interchangeable with this one [2]. E-learning depends on several factors—for instance, networks, websites, and online education[3]. E-learning, an acronym for "electronic," refers to all educational activities carried out by individuals or groups using technology tools [4]. E-learning is a method of education structured around courses and lectures, incorporates educational and development curricula, and is backed up by exams, conversations, and competitions[5]. E-learning is a method consisting of some theories and concepts that provide activities that help learners



build their abilities and help to improve their skills [6]. E-learning is made as a model of the educational process that helps students build their abilities, use a variety of learning tools, explore a wide range of sources using technology, and apply what they have learned in a variety of contexts, including assessments and competitions [7]. E-learning is seen as a new approach to education that may be used instead of traditional education to supplement and assist it.[8]

### **The Definitions of Language:**

Language Human language has a specific function, unlike other natural sounds emitted by various creatures [9]. It is a means of communication and a system of forms and symbols that differ from one environment to another and from one culture to another. It is an environment for expressing human thoughts, opinions and desires, and its use follows the arrangement of sentences with ordered units of verb, subject and object that form specific patterns in the form of grammatical units (sentence, phrase) spoken and written [10]. Language is a natural being, a component of the human mind, physically represented in the brain. Linguistics is part of individual psychology and cognitive science within these guiding principles. Its ultimate goal is to describe a central component of human nature, defined in a biological environment. Language is also considered a mirror of the mind and a field that allows studying human consciousness. [11]. Language General linguistics in its most accessible definitions: It is the study of language in a scientific manner, whereas modern linguistics studies the following aspects:

Phonetics

Morphology

Syntax

Semantics[12]

While the English Language is Germanic, the countries like the United Kingdom and the United States of America speak it as their native tongue. Also, it is a global language of



communication. Besides the number of people whose first language is not English but who speak it, they much outweigh native English speakers, and that number is increasing. For the majority of its students, English is a worldwide language rather than an unfamiliar one (i.e., a language spoken by a specific nation or ethnic group), but it is for all.[13]

## 1.2 Kinds of E-Learning

E-learning has many kinds. All of them have their characteristics, as teaching methods differ according to the type used, and these types include:

### .1.2.1 Synchronous E-learning

E-learning goes by various names: virtual classrooms, web conferences, webinars, and online presentations. Synchronous E-learning shall support live, interactive learning events delivered on the World Wide Web. Where the teacher meets the students at the same time through voice and video calls.[14]

### Asynchronous E-learning

This kind depends on attaching the teacher's scientific material, instructions, and assignments to the study sites for the student to return to later, as there is no communication with the teachers at the same time.[15]

### Blended Education

It is a system that includes lectures and courses depending on the Internet and education sites in addition to face-to-face education. It may be presented by lectures and prescribed materials.[16]

E-learning Based on Cooperative



This type adopts the principle of cooperation between students, and their role is active by asking questions and giving answers. It also improves the skill of communicating with others and cooperating to solve their problems.[17]

### **Interactive E-learning**

Education takes place in this way through the interaction of the participants in the educational process, the exchange of opinions and experiences, communication through chatting, and the adoption of educational games and Internet technologies through training courses and educational institutions.[18]

### **English Language Worldwide**

Before the middle of the eighteenth century, called the "classical period," when the study of Latin and Greek served as a model for educational procedures and the English language was relegated to a supporting role, foreign languages were taught throughout Western Europe for several centuries. However, there was a rising audience for English literature and books on specialist subjects like philosophy among the educated classes, making reading a highly regarded activity. By 1800, the last remaining usage of Latin as a language of teaching and communication at universities across the continent had been[19]

### **The Genesis of the English Language**

The history of the language is unknown with any certainty at all since languages are constantly changing. The origin of language was a conundrum for philosophers, who proposed several theories to explain it. It was an acoustic echo, a sensation of others, also called a language, and noises without the words we currently use might also be a language. According to earlier scientists, the language initially consisted of meaningless motions, signs, and noises that developed over time into the language we use today.[20]

Most linguists who have tried to categorize the English language varieties have done so using criteria primarily focused on phonetic characteristics. "Five significant dialectal divides" in England originated from these five divisions: the Southern, Western, Eastern,



Central, and Northern. The Industrial Revolution started to influence the country's north disproportionately by the end.

By the time of the 18th century, the "standard" spoken form of English based on the eminent speech of the South East and London was already entrenched. [21]. English began to penetrate other continents and countries and began to spread on a larger scale to be the global language in those areas:

### **South Africa**

The African continent is a vast region with significant resources (culturally and linguistically). However, it is one of the neglected regions in the world. Even in teaching English in Africa, as in other world regions, influential books address diverse contexts for teaching English, such as the arrival of the English language to Africa, which has a population of about 460 million people. The English language reached Africa by Europeans as traders, enslaved people and colonizers. Despite the departure of the Europeans after independence, the English language remained on the continent, and today it is one of the official languages as it is adopted for communication in 52 African countries (e.g. Ghana, Nigeria, Namibia and Zambia).[22]

### **South Asia**

The time of widespread diffusion and the emergence of the English language became more evident when the countries of Asia were liberated from the domination of Britain. After the region was liberated, English continued to be used as a global language. English was widely used in many critical Asian areas, including Pakistan. Local governments

sponsored the English language. It was a land colonized by the British—the British left with the English to South Asia. The continent's inhabitants acquired the language at that



time, and English took over the region. Later, it was realized that the English language had roots in Asia, which became one of the critical languages.[23]

### **The English Language in the Arab Area**

Language is an identity, and no society lacks its own identity. This has become inconsistent with globalization, which has invaded people and lost much of their privacy. For us as Arabs and Muslims, our Arabic language is closely linked to our history and heritage, as it is the language of the Holy Quran. Today, the Arabic language faces challenges due to Western pressure and intellectual invasion. Among these challenges, the language of education, research, and the measure of culture in the Arab countries has become a foreign language. Because the Arabic language is the language of the Quran and the language in which the Messenger, may Allah peace and blessings be upon him, conveyed his message, the colonizer knows that this language has solid foundations, so he sought to shake it by spreading foreign culture and foreign language and making it the leading language. The beginning of that, with the end of the Cold War, increased America's desire for the American model to be represented in English. Researchers disagreed about the reason for the spread of the English language. Some of them attributed the reason to being an intellectually and culturally neutral language, and some of them attributed the reason for the spread of the English language to an organized campaign from speaking countries, such as Britain and the United States, through international cooperation and aid in the field of teaching English.[24]



## Chapter Two: Impact and Feedback of E-learning on Language Acquisition

### E-learning Theories

Compared to traditional education, E-learning involves more steps, making it rather complex. The trainers advise considering the behavioural, cognitive, and constructive educational theories. These theories are:

#### Behaviorism

The school of thinking known as behaviourism, which was influenced by scientists like Watson, Thorndyke, Pavlova, and Skinner, holds that "learning is opportunity in behaviour that can be observed due to external stimuli in the environment. Behaviorists view the mind as a black box". It is best to break up lessons into manageable learning steps and present them in a deductive way, beginning with a rule, class, principle, formula, or definition and using examples to help students grasp. The behavioural approach to learning posits that are expected to exhibit the requisite behaviour from learners, the required process, Procedure, or skill and adequately explained. Test-based frequent revision is designed to help students become proficient. Low error rates and, if appropriate, the usage of remedial loops across disciplines are other critical components of instructional design. Moreover, messages of encouragement must be used to keep motivation high.

#### Cognitivism

Some give the internal learning process as one that entails memory, thought, reasoning, abstraction, and stimulation. The cognitive school also emphasizes the value of individual differences through several cognitive processes. It incorporates a range of teaching methods to account for them and how the student interprets, engages with, and reacts to the learning contents.



## Constructivism

The constructivist school of learning suggests that learners construct personal knowledge from the learning experience itself, and thus, learning can be seen as an active process, and knowledge cannot be received from outside or someone else. Learners should be allowed to construct knowledge rather than being given knowledge through instructions. Furthermore, constructivists see learning as contextual and propose strategies that promote multi-context learning to ensure that learners can apply the information. Knowledge is also constructed by the learner, who also deals with resistance to change as experiences and social interactions play a role in the learning process.[25] .

## How to Use Technology in Language Learning

Technology has become essential to our time, especially in language acquisition. Many scientific institutions and classrooms are not devoid of technology tools such as computers, data show devices and other modern devices and websites that contribute in a neutral way to learning and language acquisition, facilitating the performance of tasks and developing the skills of learners, so there is some procedure to apply to learn successfully:

The first Procedure is that educators should focus more on the availability of various teaching resources, such as educational websites and translation services. This concept pertains to vocabulary learning utilizing technology, and it states that teachers should focus more on the availability of diverse teaching resources that support vocabulary development; teachers should be aware of the possibility of using technology in a language lesson in addition to using conventional vocabulary teaching strategies (such as bilingual lists). Teachers can use technology effectively to learn vocabulary.

Second Procedure: Instructors should incorporate multimedia materials in their reading classes. This idea has to do with how lexicons and vocabulary grow. Using computerized reading passages enhanced with various idioms is one excellent technique to promote



vocabulary learning and retention. Moreover, graphic and text annotations help to stabilize vocabulary recall while voice and video.

The third Procedure indicates that the Instructors must be familiar with the standards used to assess educational programs and curricula. In general, educators who choose to include technology in their classes should be aware of the standards used to assess educational programs (such as goals, presentation, and results) and take time and effort into account. There are many various kinds of online programs and materials accessible, but not all of them are useful for use in the classroom. Some resources concentrate on a narrow range of techniques, while others cover an extensive range. Instructors must also make sure that the teaching materials encourage students.

The fourth Procedure is that the instructors should utilize multimedia and images as much as possible. Computer-based education and websites that teach vocabulary or reading skills must build on current knowledge of methodological principles to achieve better results.[26]

### **Results of E-Learning in the Language Acquisition Process**

The world is now witnessing rapid technological booms in various fields. Amid this technological progress, decision-makers and educators must keep pace with these rapid and growing changes. To develop teaching and learning methods that ensure the quality of educational outcomes. Therefore, many educators believe that using modern educational technologies is an urgent necessity because of its many advantages, including improving general scientific knowledge, level of students, shortening time, reducing effort and cost, and providing a fun and exciting learning environment throughout the educational day, whether in classrooms, school laboratories, or anywhere in the world. Education with modern technologies is one of the priorities provided by countries in the field of serving their people in keeping with rapid scientific development, to develop



general education and the transition to a knowledge society by integrating technology with education and developing educational curricula in its comprehensive concept to respond to modern scientific and technical developments.[27]

Students are more optimistic and willing to learn with technology. This means that students interact more with digital technology when they find the integration of this digital technology easy to use through the learning environment. At the same time, the more students use digital technology, the more dependence on artificial intelligence in a technology-based learning environment. Conversely, the beneficial properties of digital technologies have a great potential to support student learning in the learning environment. Digital technology in learning facilitates flexible and rapid communication, leading to effective interaction and cooperation between students and their peers. The ease of organizing and managing learning tasks along with accessing, responding to, and reviewing materials at any time and anywhere motivates students to participate in their learning actively and thus may result in better academic performance if properly used and applied[28]

### **Employing E-Learning in Teaching Languages**

Blended learning makes it possible to use the most diverse forms and methods of teaching a foreign language by including many listening texts and video files. Online courses are also notable motivators by supporting every learning process of foreign language teaching through blended learning used in teaching a foreign language such as English, an example of an innovative way to learn languages. Students may have a choice between studying many foreign languages in order to facilitate the study of the language, online courses for professional English have been prepared, English-speaking countries, a course for translators and an English course. These courses depend on the needs of teachers and students, for the teachers' long experience in their field. Of course, for the positive attitude of these courses, almost all kinds of testing tools the study environment provides are used. As answer exercises to practice grammatical phenomena. Fill-in-the-blank tests have



proven helpful in introducing the missing elements from the names. We also often use multiple-choice exercises. Mixed sentences can be used in tests when practising correct word order. In return, the students send their translations of the original texts. This diversity provides the appropriate environment for language acquisition and development .[29]

### **Characteristics of E-learning in Teaching**

Given the learners' unique needs, abilities and backgrounds, E-learning is becoming increasingly popular. Here are some key features of E-learning:

**Communication or Networks** Students are spread out over great distances and are not confined to a classroom with a teacher who teaches them as before. This technology (computers and broadband internet) allows people spread over great distances to connect and access text and visual materials. Animation also enters the educational scene. Sometimes, the number of students is so large that the classroom cannot accommodate them, but the classes, e-mails, and websites make this possible.

**Flexibility** Students have a variety of learning hours in the late evening or early morning. E-learning can accommodate the needs of these students. Students with disabilities or patients who find it difficult to attend regular classes can also benefit from this feature in E-learning.

**Interact and Collaborate:** They communicate between the teacher and the learners, and they can also exchange information and post comments. There can also be collaboration between scholars, teachers, and students who are widely dispersed.



Virtual Learning Environment Because of the unique needs of learners and the scope offered by this technology to institutions and researchers, a virtual learning environment or virtual learning portal is often made to enable interested persons or learners to access educational materials such as texts, visuals and tests. E-learning provides an alternative way of learning that is becoming increasingly popular today.[30] .

### **E-learning Models in Teaching Languages**

According to the researchers, E-learning is information and communication technologies used to support students in improving their skills, teaching them and providing them with different skills, as well as the ability of the system to electronically transfer, manage, support and supervise learning, learning, delivery of information and understanding of materials. E-learning may be used in the form of models, including games, Which can be defined as a form of play with goals and structure. Where entertainment and games provide attractive activities, they are far from boredom, and interest in recreational games is still increasing. All computer-supported services aim to support E-learning and stimulate exercise activities. Good commercial games can help society and represent sound learning principles that allow players to participate actively. , as well as the use of E-learning sites, including:

Kahoot is an online game-based educational platform. It allows educators, organizations, and parents to make a web-based education that, at the same time, is fun for others. This could include coaches, athletes, or parents. This type can be used across various devices as it requires sharing access (laptop, iPad, phone). Questions will be posted, and participants will have a limited time to answer them. Here, the Kahoot organizer should be able to share their screen with the participants with a given name, and the questions only appear on the attendee screen. It depends on the teacher's skill, so a variety of questions can be used, from multiple choice to puzzle. Kahoot can be used for free, or premium packages can be purchased for a fee.



Nearpod Teachers can use slide-based instruction in the classroom with the help of the web program. With play, video, and interaction, teachers can develop interactive learning materials that let students connect with and learn via personal devices or a single screen.

Lucrative E-learning is an evaluation tool that assists teachers and students in evaluating understanding and progress in real-time during class using quizzes and questions.[31]

## Conclusion

This research shows the importance of e-learning in acquiring knowledge and languages in general, with English as a model. The types of E-learning also showed how to apply it alone or combined with traditional education, the extent of the effectiveness of this new method in the world of technology, its impact on the scientific side, the increasing need for it, and the demand for it by students in particular, although E-learning is considered good to acquire knowledge. The acquisition of languages is also a system that serves many students. However, it is not considered a successful method if it is adopted abstract from traditional education, as it makes some students more lenient in gaining scientific wealth, unlike traditional education, which gives actual knowledge. If it must be adopted, it must be integrated with traditional education to make the educational process more secure, sober and valuable.



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