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## The relevance of online education "Virtual Class" is based on Internet technologies

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**Keywords :** *Educational virtualization, virtual class, e-learning; Online education, Internet technologies, educational digitalization etc.*

### Abstract

*Confirming the urgency identified in the title of this research article, first of all, we present an analysis of the specifics of modern virtual classrooms for the systematic maintenance of online education, including an explanation of the methodological nature of online education and tradition versus innovation. Modern technologies in education ensure the creation and use of an information and educational system based on the use of Internet technologies in the linguistic educational process. These conditions allow the teacher to assume the role of "manager" in the selection and formulation of educational techniques for student learning. Modern Internet resources in times of rapid changes in the educational system are excellent tools for the self-development of the teacher and student. "Virtual classes (audiences)" in the form of web discussions providing opportunities for the development of language proficiency are currently relevant for the effective presentation of the educational process. Tabular presentation of text, graphic, video, and audio materials to primary sources of the educational process, hyperlinks, web lectures, web discussions, electronic libraries, educational Internet resources, and educational principles of literature and techniques of the essential method of designing their content It makes online virtual classes relevant and important by making them available.*



## Educational virtualization virtual class



## Online education e-learning

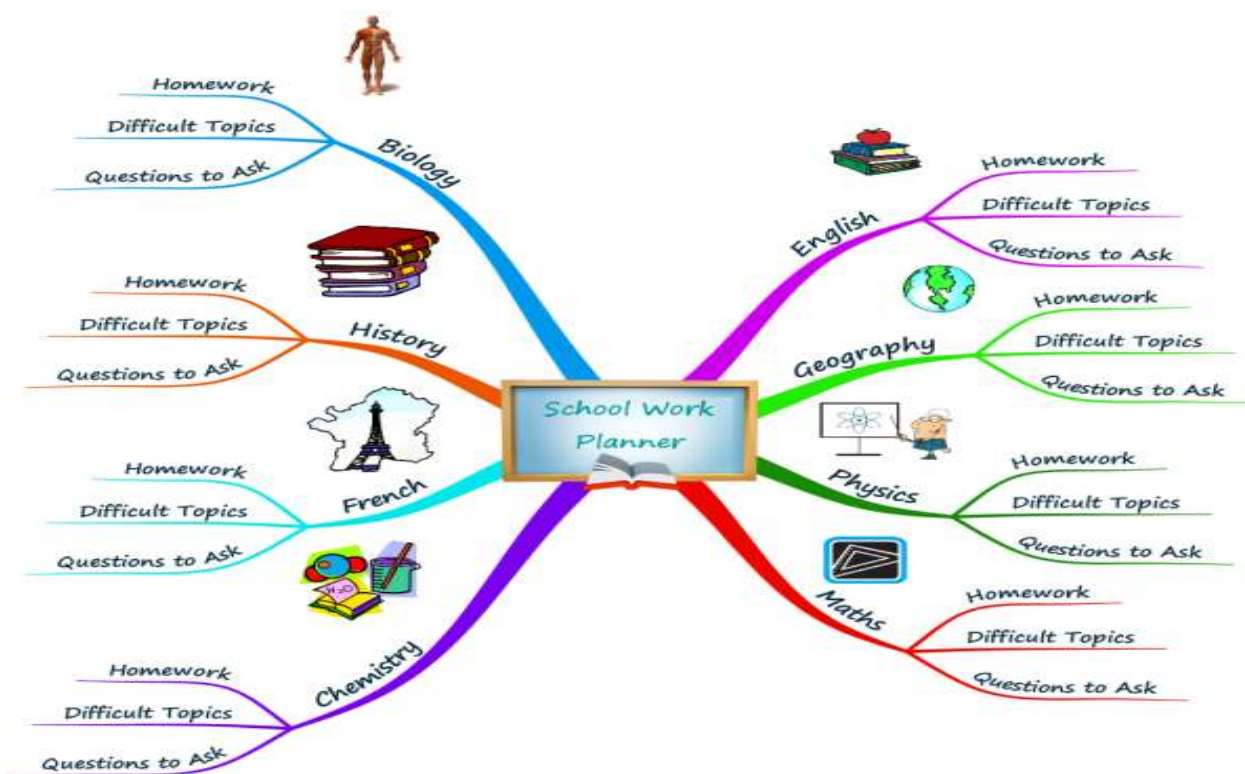


## Internet technologies Educational digitalization

**The relevance of online education "Virtual Class" is based on Internet technologies.**

### **Preface**

In the current context, questions continue to arise from the process of online learning, conducting individual linguistic counseling, creating test assignments, monitoring linguistic learning, electronic journals, rerecording lessons, conducting online surveys, conducting academic courses, and subject-wise electronic libraries. In this regard, there is a need to design educational Internet resources and their content, which ensures compliance with the methodological principles and techniques of the language and maintains continuity with the traditions of the educational method, at the same time rapidly changing society. - Educational digitization, educational economics, automation and informatization of educational production, internalization, and virtualization of the socio-cultural sphere - a naturally evolutionary approach to what is happening now is developing. Unique applications of mobile are becoming visible in the field of virtual classes, e-learning, and online education. In the present context, the application of mobiles and laptops is a unique phenomenon that shows the reality and utility of the online learning process.



### Objectives of the research article

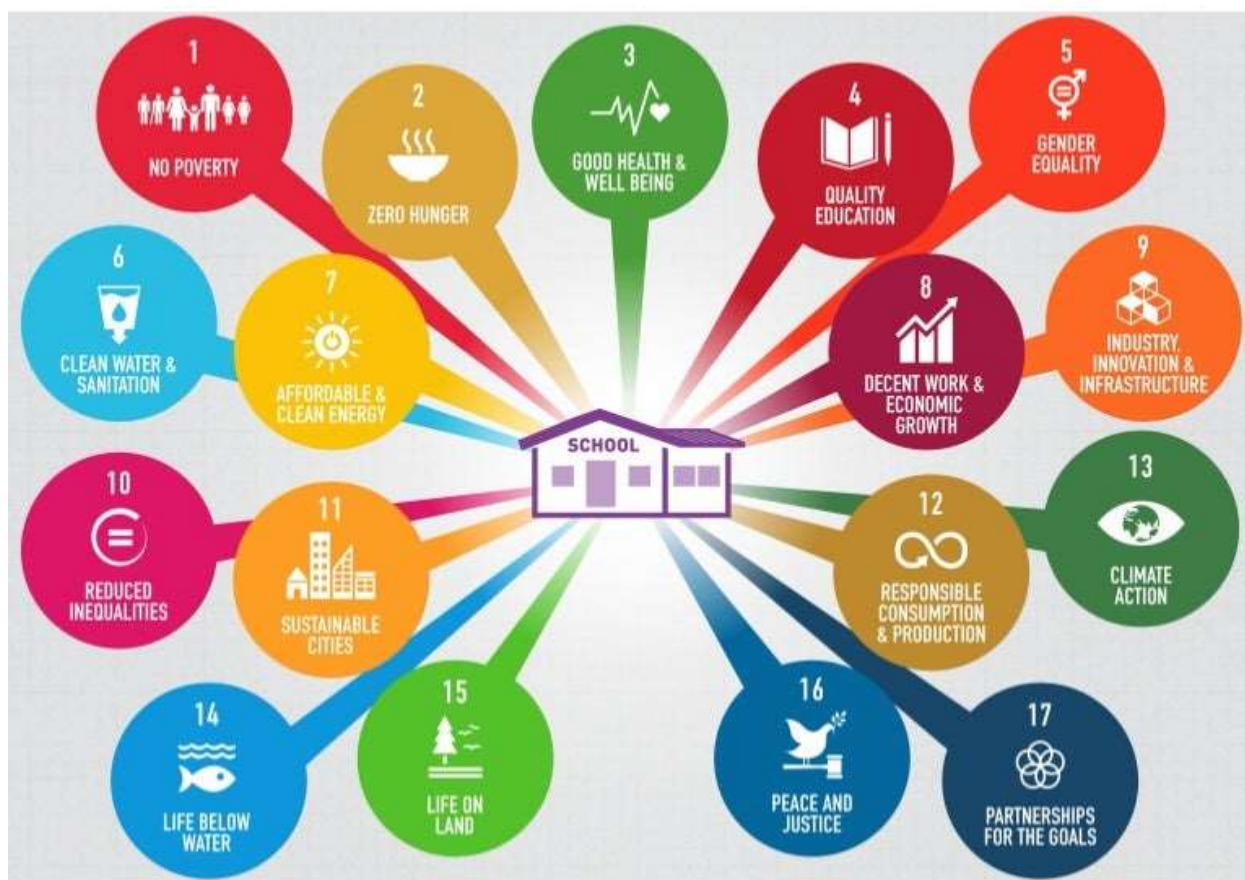
1. To present an analysis of the nuances of modern virtual classes for the systematic maintenance of online education,
2. To ensure the creation and use of modern Internet technologies and educational systems in education,
3. To develop the educational principles of literature and the necessary method of designing their content,

### Educational and social reality is changing

Establishing a new paradigm in the field of virtual classes, e-learning, and online education. Actively carrying out virtual classes, e-learning, and online education by students and teachers through internet technologies. Their educational exchange transforms the interactions and activities of people, creates new educational content, and enables the automation and virtualization of educational products in the form of interactions. In this background, the relevance of vanishing educational traditions and implementation gives rise to innovative technologies. Similar changes in the system take place in the field of education. The traditional form of relationship of the classroom (teacher-student) and learning (lesson) which form the trinity of transfer of knowledge and experience, as the foundation of the education system, is subject to reorganization and yield. The subject



"academic-participant" interaction has been replaced by "webinars" and virtual classes, e-learning, and online education. Technology has taken the place of class relations.



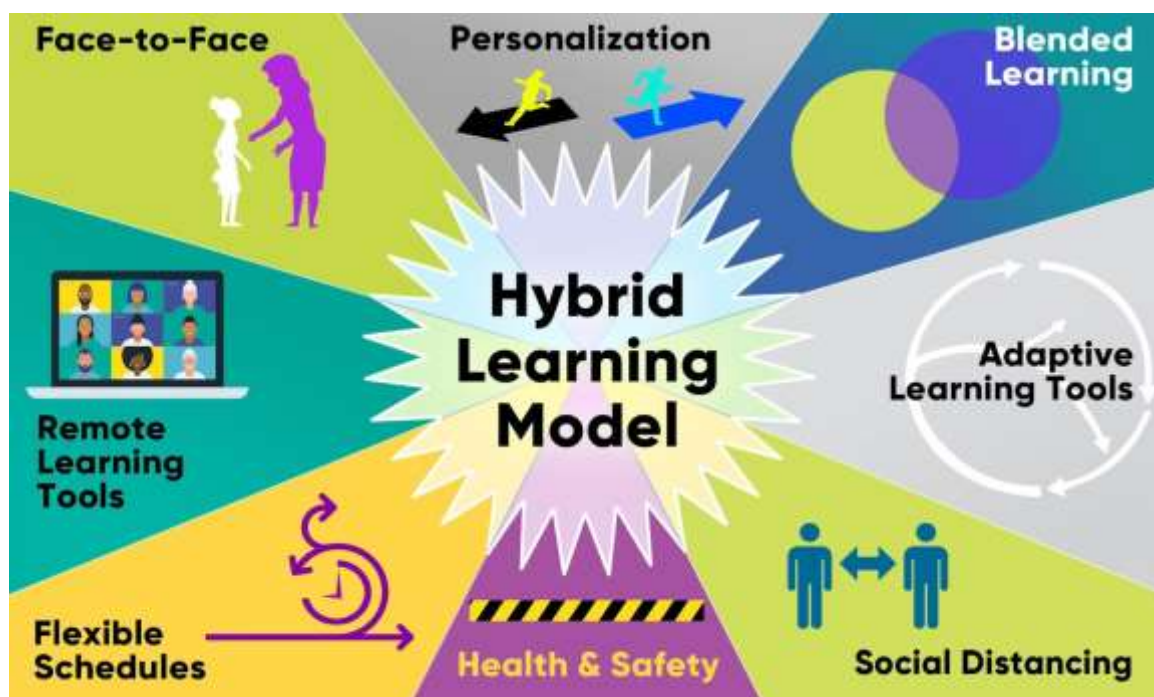
### **Distance education (e-learning) is a form of formally regulated education**

Today it becomes necessary to analyze the nature and use of Internet technologies in the educational process. But is everything that different? What and how can educational activities be transformed as a result of the use of Internet technologies? Turning to the history of the issue of organization and implementation of the educational field of distance education organization, the form of official formally regulated education distance education, certification of knowledge, and obtaining final documents on acquired qualifications existed quite successfully, and the Internet in the educational process Before the introduction of technologies the main link between the organizer of education was the activity and the consumer postal services. Internet in daily life after implementation, an alternative to old education mode, methods of delivery of educational material, and analysis of feedback from students become necessary at present.



**For the time being, we can define such models of distance education as -**

- The traditional (correspondence) model focuses on students' independent work and limiting interaction with them, including conducting orientation lectures and then continuing independent work on teacher-issued kits with methodological support.
- A model with fragmented use of information and communication technologies. In this case, the student who works with a set, partially presented in electronic form (information in the form of disk media, file documents, educational sites) of various types of means of communication, in support of the educational methodology is used with the help of a conversation between the teacher and the student.
- An electronic model that provides a combination of studies independent of this model by electronic and considered pedagogical and methodological support.
- A combined model combines several forms of interaction between the teacher and the student, various ways of presenting educational material, it is deepening, and consolidation, as well as control over the acquired knowledge. The modernizing effect of modern internet technologies on education can be seen in three ways. First, at present Internet technologies have become part of everyday life elements of modern life, stemming from the individual's life and activities and active tools in the socio-cultural environment Internet technology model that educational society, socio-cultural environment, individual consciousness Gives momentum to the educational events of teacher and student life.



### The effectiveness of the use of information technology

Therefore, this aspect is an element of Internet technologies that it would be appropriate to consider in the context of educational tools for functioning in the modern educational field, as a social institution of education, as well as a means of obtaining an education by individuals, means of establishing communication. Internet technologies as a means to expand and improve the level of educational functioning among participants in educational activities. The modern use of Internet technologies allows us to call them sources of information activities in which you can receive information for self-education and implementation and educational activities of individuals enriching knowledge and information to enable modern Internet technologies Allows to consider the topics presented in the trinity from different aspects to broaden horizons as well as determine the optimal educational methodological principles that make recommendations for the organization of distance education.

It is this feature of the modern digital age that makes modern educational formation a single information space, which with the help of Internet technologies erases cultural, political, and economic boundaries and removes mental barriers. On the other hand, the modern model of education creates an individual educational environment with the help of Internet resources. The effectiveness of the use of information technologies is determined by individual educational development, providing an understanding of the subject, educational activities, and its adaptability to different cultural models, for independent cognitive and

educational development, thus realizing the variability of education. The student acts as its "architect" and "manager" of the educational approach to personality.



### Use of internet resources in educational activities

Since the use of educational activities and internet resources in the Covid-19 era has been actively "formed" by the teacher as a subject teaching subordinate to the planned result and value orientation, conditioned and constituted by the socio-cultural environment. The circumstances should be designed according to the principle of ensuring multi-paradigm and multicultural educational advancement, taking into account the individual interest of the individual in education. That is why, on the one hand, the use of Internet resources should be in conditions of standardization of the organization of educational activities, and the appeal to the analysis of the use of Internet technologies taking into account the individual needs of teachers and students indicates the presence of the following goals for educational development -

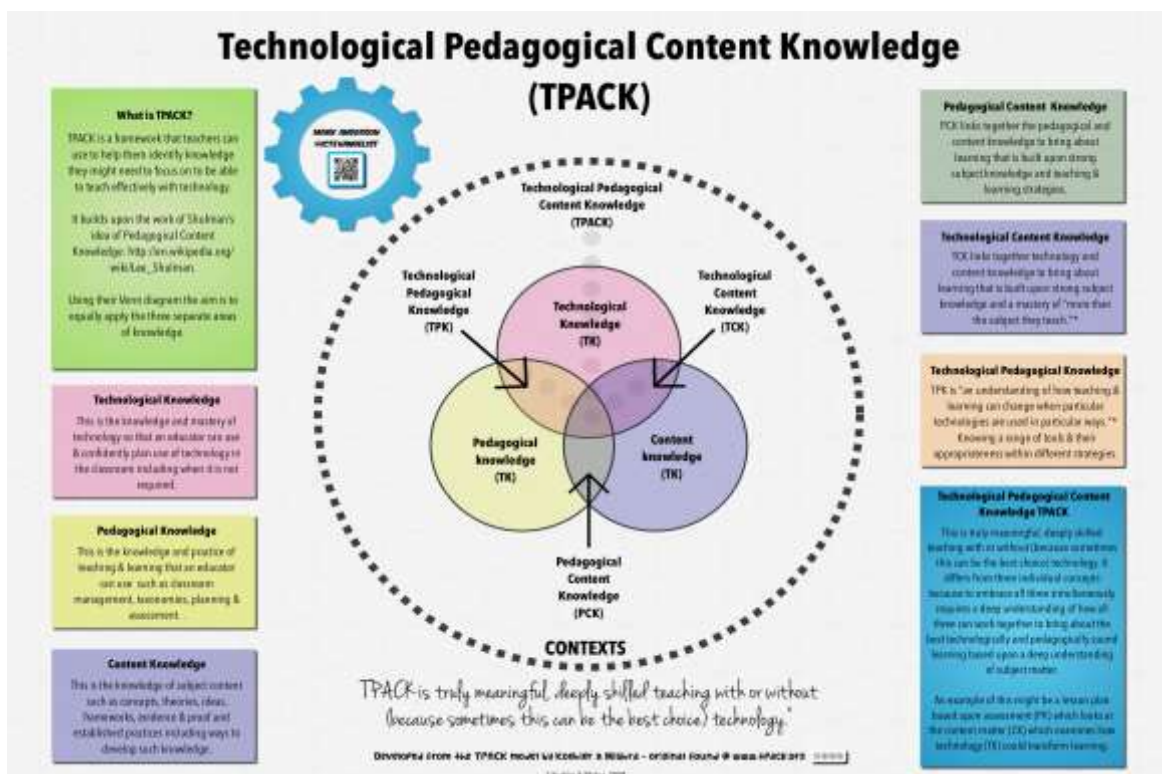
1. Providing "open" material preparation of the student for social, professional, and personal self-realization as an effective goal basis of the educational space.
2. Designing the content of training courses in the department and other structural units as an application reflection of the subject teaching material methodology for the creation of an educational environment that provides professional, social, and personal self-realization of students.





3. The study material of the scientific and educational activities of the student and the teacher who, in the conditions of open education, draw various resources into their development program, the algorithm of actions of the student in the form of a project educational program and teacher's activities, to provide direction to this educational program.
4. Spaces can be determined by using Internet resources following the characteristics of educational functioning. The main methodological principles of educational organization activities with the help of Internet resources are the following -
  - Openness to education on the subjects of activity,
  - Availability of information,
  - Mutual respect and equality of participants,
  - freedom of choice by the student of individual education path,
  - Dialogue conversation,
  - maintaining interest,
  - Focus on the finished result





### Recommendation for reinforcement of success in achieving the goal

An inevitable consequence of the use of Internet technologies in education is the lack of direct personal contact/communication, especially teacher-learner interaction with the educational subject of educational activity.

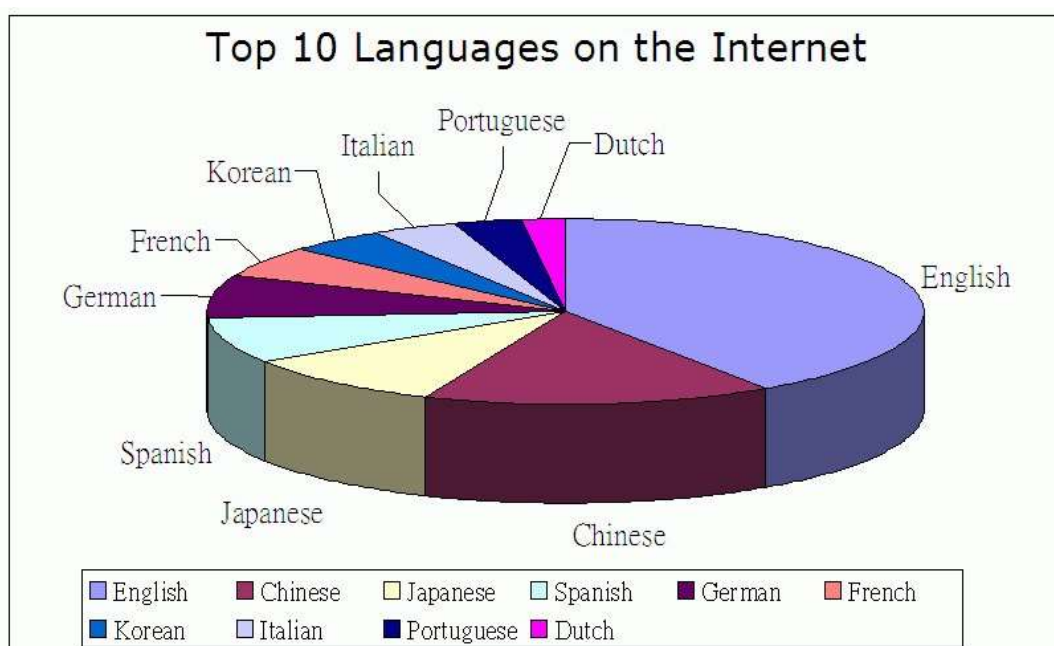
For the inexperienced student (IT user), new learning, devoid of direct educational relevance, can be confusing and may lead to mastery of learning new educational information and taking advantage of the opportunity.

This can manifest itself in a long and unproductive educational stay, the impossibility of converting educational material, and in an attempt to apply educational activities to it as a result of ambiguity and insufficient understanding of the terms to present a large amount of information into meaningful knowledge. . Its objective- Improving the efficiency of using Internet resources to provide direct knowledge to the student is also important, advisory support on the content of the educational subject, improving the efficiency of the software product on educational activities, the method of its development and technology use The current level of development of tax information technology provides a rich base of online resources for remote distance learning.



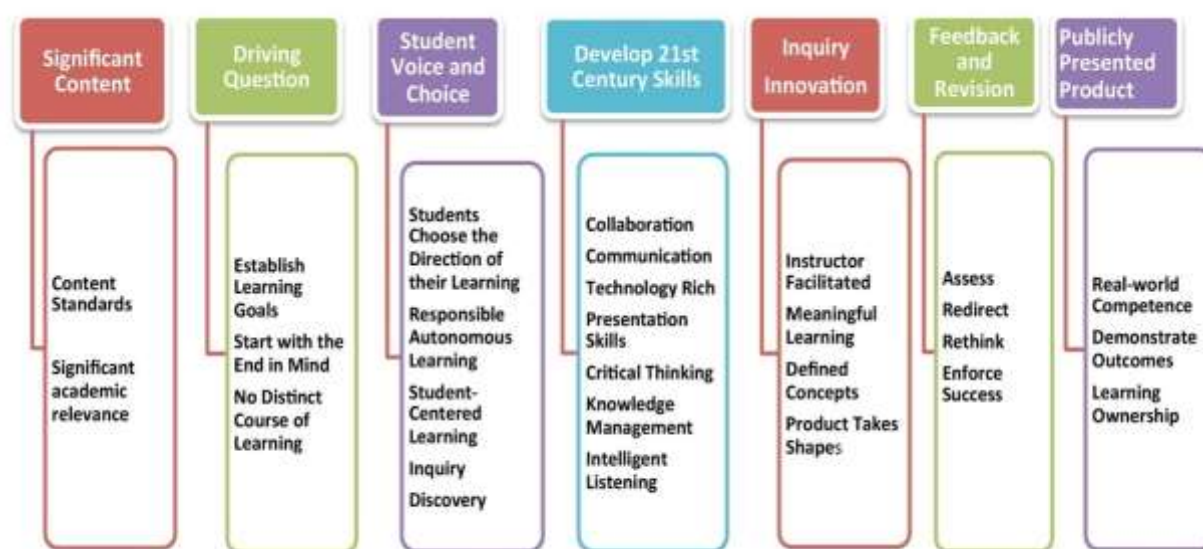
### Recommendations for the development of software products for the use of Internet resources in linguistic teaching -

These are software platforms that have gained popularity in the online presentation of activities of educational institutions like Moodle, Mira Polis LMS, Zoom, WebEx, Google Meet, Adobe Captivate, Mira Polis Virtual Room, Hyper Method Webinar, Rodman, etc. Tools differ from each other in the presentation of educational material, organization of interface windows, and details of interaction with the audience. But the main thing is that they provide cohesion, simplicity, and ease of use of educational material, as well as a wide range of educational forms, means, and methods of learning.



## Recommendations for creating language educational material in the form of "virtual class (audience)"

The use of the mentioned Internet resources allows us to create educational materials for the language that act as "virtual classes (audiences)", to create a wide range of training courses and organize its step-by-step development by Preparing text, tabulating, creating graphics, video, and audio material, hyperlinks to primary sources of information, conducting unlimited web lectures and multiple audiences, web discussions, feedback comments and questions arising in the online learning process Taking various forms of tests, selling academic counseling, creating, recording academic test assignments through an electronic journal for controlling learning, conducting online surveys, conducting electronic courses and subject-wise use of the library. In addition, online learning resources allow participants to present themselves with respect to mandatory authorization.



## Recommendations for creating a portfolio of language training courses and successes through distance education

Create a portfolio of distance learning and linguistic accomplishments and successes through teacher personal blogs. Distance education obliges to adhere to the interface of the curriculum, improving the efficiency of mastering the material students, it is necessary to ensure standardization of teacher training courses in accordance with traditional guidelines integrating modern forms, for which they are a reflection of the standards of educational and methodological complexes. Training courses in general and individual subjects within the same curriculum should be made up of a unified whole curriculum according to uniform rules, subject to a single logic of presentation and staffing. Compliance with this

recommendation ensures the simplicity and clarity of the organization of the interface of the training course and the removal of psychological barriers for students.



## Conclusion

Linguistic training units need to be structured as modules. Modules can be distinguished by purpose and type of educational activities, for example, an educational and cognitive module, which focuses on the minimum knowledge required, is prepared by the teacher, and represents the core of the curriculum. It is based on the program and notes of lectures, seminars, discussions, vocabulary, and tasks for independent work. The linguistic model provides various types of knowledge enrichment - through linguistic training, literary essays, etc. to provide knowledge enrichment to the students and can be adapted to diverse and different skill levels for knowledge enrichment. The module on scientific activity provides methodological support for scientific research activities of students within the framework of this course and topic.

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