



Synergetic approach in organizing a new generation textbook in English

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ABSTRACT

The article presents points of view on synergetics in the modern scientific world and discusses its interdisciplinary nature. Particular attention is paid to a synergistic approach to teaching foreign languages, as well as its application in the development of textbooks. The article examines key concepts such as self-education and self-government and also highlights the importance of teaching students to search for the necessary information independently. After analyzing several textbooks and materials containing some components that are important in organizing the learning process, the properties, and structure of the new model of the textbook were proposed.

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Xalqaro ekologiya huquqidagi innovatsiyalar: global ekologik muammolarga moslashish

ANNOTATSIYA

Kalit so'zlar:

darslik,
chet tili darsligi,
uslubiy asos,
sinergetik yondashuv,
xalqaro huquqdagi
innovatsion yondashuvlar.

Maqolada zamonaviy ilmiy dunyoda sinergetika bo'yicha nuqtai nazarlar keltirilgan, uning fanlararo tabiati muhokama qilinadi. Chet tillarni o'qitishda sinergik yondashuv, uni darsliklar yaratishda qo'llashga alohida e'tibor qaratilmoqda. Maqolada o'z-o'zini tarbiyalash va o'zini o'zi boshqarish kabi asosiy tushunchalar ko'rib chiqiladi, shuningdek, talabalarni mustaqil ravishda kerakli ma'lumotlarni izlashga o'rgatish muhimligi ta'kidlanadi. O'quv jarayonini tashkil etishda muhim ahamiyatga ega bo'lgan ayrim tarkibiy qismlarni o'z ichiga olgan bir qator darslik va materiallar tahlil qilinib, darslikning yangi modelining xususiyatlari va tuzilishi taklif etildi.

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Синергетический подход в организации учебника нового поколения на английском языке

АННОТАЦИЯ

Ключевые слова:

учебник,
учебник иностранного
языка,
методологическая основа,
синергетический подход.

В статье представлены точки зрения на синергетику в современном научном мире, обсуждается ее междисциплинарный характер. Особое внимание уделено синергетическому подходу в обучении иностранным языкам, а также его применению при разработке учебников. В статье рассматриваются такие ключевые понятия, как самообразование и самоуправление, а также подчеркивается важность обучения студентов самостоятельному поиску необходимой информации. После анализа ряда учебников и материалов, содержащих некоторые важные для организации процесса обучения компоненты, были предложены свойства и структура новой модели учебника.

Introduction

Several reforms are being carried out in the Republic of Uzbekistan to develop textbooks and manuals for a new generation and introduce information and communication technologies into the educational process, as well as the development of e-learning in general. "In our country, there is a need to create a legal framework for improving the educational literature of a new generation." The insufficient level of equipment of higher educational institutions with modern educational and scientific aids prompted to reconsider this problem based on the study of foreign experience and the introduction of an innovative approach because the textbook is a necessary tool, without which it is impossible to obtain deep versatile knowledge.

This article discusses the properties and structure of a new generation of textbooks for professionally oriented foreign language teaching to students of humanities universities. After analyzing several textbooks and materials containing some components that are important in organizing the learning process, the properties and structure of the new model of the textbook were proposed, the methodology of which is compared to learning literature.

Methods of teaching a foreign language in recent years have put forward several fruitful ideas for the development of textbooks and manuals for a new generation. This includes the concepts of the development of individuality in the dialogue of culture by E. I. Passov [6], the sociocultural approach of V. V. Safonova [7], and the textual (discursive) approach of L. K. Mazunova [5]. In our article, we want to propose a synergistic approach to teaching and developing textbooks for students in language departments.

Synergetics is an interdisciplinary area of research, which sets as its main task the knowledge of general patterns and principles underlying the basis of self-organization processes in systems of very different natures [4]. The pedagogical process is a specially organized interaction between the teacher and the student. Synergetics studies open systems that exchange energy and information, therefore the ideas of synergetics are used in education from a general theoretical position. Self-organization and management are key concepts of synergetics, which in terms of education means self-education and

self-government. Thus, the main thing in the educational process is not the transfer of knowledge, but mastery of ways to replenish it and quickly navigate in a branched system of knowledge, methods of self-education. The emphasis is shifted to learning how to independently search for the necessary information, interpreting this information in one's context, and developing the ability to quickly navigate the growing flow of knowledge. The self-organization paradigm, or synergetic paradigm, entails a new dialogue between man and nature, a non-linear dialogue. It also leads to a new dialogue between a person and himself and with other people. A nonlinear situation involves uncertainty and possibly choice. When choosing a further path, the subject is guided by one of his paths of development of the system with which he is dealing, as well as by his value preferences. He chooses the most profitable path for himself, which is one of the paths that determine the general structure of this chain system, i.e. one of the methods it implements.

Materials and methods

Several methods of investigation were chosen in this article. When analyzing the material, descriptive and transformational methods were used. The relevance of creating new educational products is caused by the problems of changing the education system, the solutions of which largely determine the topic; modern new methods are being introduced into the structure and content of training and textbooks, since the educational book, in turn, determines the quality of the educational process.

Results and discussions

The main task of modern pedagogy is to create conditions for self-realization and self-development of the individual. Therefore, the basis of the teacher's pedagogical activity becomes the use of pedagogical technologies that promote creative learning and education of the individual, who will build his life through self-realization and self-development, that is, according to the laws of synergetics. Such training is especially relevant in the era of scientific and technological progress, since it is very important to teach the student to find and use the necessary information. If he does not take responsibility for self-education, for replenishing and updating his knowledge, then in a few years his educational document will depreciate. The most important ability that a student must acquire at a university is the ability to learn. Learning to independently obtain knowledge is more important than mastering a specific set of information, which in our time quickly becomes outdated.

The main thing in an educational book is not its content, not the text itself, but the work that can be done with this material. Therefore, when developing a new generation textbook, the task was set and solved to ensure its maximum manufacturability, as well as the integration of educational information. Flexibility, non-linearity, mobility, multi-level training, taking into account individual characteristics and the level of development of communicative competence make it possible to optimize the process of learning a foreign language and create conditions for the realization of students' professional goals. The skills of organizing and managing one's own activities acquired in foreign language classes will be in demand in future professional activities. Having learned to determine personal goals in educational and educational-professional situations and ways to achieve them, in the future the student will be ready to make a similar choice in professional activities, developing a plan for professional growth.

The structure of the new textbook model

The structure of the textbook model is presented in two parts - theoretical and didactic. The first one gives a summary of the educational material - paragraphs of the textbook, and the second - didactic blocks, with the help of which students study the theory, complete tasks, repeat the material they have passed, pass tests, etc. The textbook develops its system of training blocks for each paragraph. Here is an incomplete list of some blocks of the textbook.

Self-training and self-examination. With the help of this block, the independent work of students on educational texts is organized. Mastering the educational text is the foundation on which all further educational activities can be built. Traditionally, work on educational texts comes down to reading, memorizing, retelling, and answering questions. The new textbook offers a set of techniques for the analytical development of texts: highlight the main thing, formulate a thesis, prepare an annotation, identify cause-and-effect relationships, arrange text fragments in order, build a logical diagram, insert words, write down key words, identify a problem, fast reading, correlate text and drawing, etc.

Additional. They contain material that is presented reproductively and contains information from additional sources that go beyond the scope of the program. This block can be studied, at the request of students, in an introductory plan.

Dictionary. Definitions of new terms, words and phrases are demonstrated. The use of this block contributes not only to the expansion of vocabulary and the consolidation of knowledge, but also to the personal growth of students through the development of skills.

Repetition. They include information from the studied topics and sections of the course, necessary for mastering the content of the paragraph. These blocks can be studied by students on their own.

Test. Integrates most of the questions on a specific topic (practically “overlaps” the entire topic with tasks). All questions are divided into four difficulty groups. It is also a form of “soft” knowledge control that reduces the level of situational anxiety.

Conclusion

Thus, the main thing in an educational book is not their content, not the text itself, but the work that can be done with this text. The specificity of educational activity lies in its complexity, the remoteness of the final goal, the need for regular classes, and the special importance of independent work. Consequently, the process of learning a foreign language with the help of a new generation of books, built on the principle of synergetics, contributes to the development of important character traits: determination, patience, perseverance, accuracy, and independence.

REFERENCES:

1. Brown D. Teaching by Principles. An Interactive Approach to Language Pedagogy. – London: Longman, 2007. – 569 p.
2. Dubin F., Olshtain E. Course Design. Developing Programs and Materials for Language Learning. – Cambridge: Cambridge University Press, 1991. – 194p.
3. Арутюнов А. Р. Теория и практика создания учебника русского языка для иностранцев. – М.: Русский язык», 1990. – 165 с.

4. Данилов Ю.А. Герман Хакен о синергетике // Синергетическая парадигма. Нелинейное мышление в науке и искусстве. – М., 2002. – С. 22–26.

5. Мазунова, Л.К. Система овладения культурой иноязычного письма в языковом вузе: 13.00.02: диссертация на соискание ученой степени доктора педагогических наук / Мазунова Лидия Константиновна. – Москва, 2005. – 353 с.

6. Пассов, Е.И. Основы коммуникативной методики обучения иноязычному общению / Е.И. Пассов – М.: Русский язык, 1989. – 276 с.

7. Сафонова, В.В. Коммуникативная компетенция: современные подходы к многоуровневому описанию в методических целях / Серия: О чем спорят в языковой педагогике / В.В. Сафонова. – М.: Еврошкола, 2004. – 236 с.

8. Шокыбаев Ж.А., Каражанова Д.А., Кожугулова Д.Р. Из опыта составления специализированных учебных книг // Вестник КазНПУ им. Абая. – №2., 2014. – С. 75–77.