Published: June 25, 2023 | Pages: 73-75

METHODOLOGY OF DEVELOPMENT OF ELECTRONIC CROSSWORDS FROM "GENERAL KNOWLEDGE" USING THE "ECLIPSE CROSSWORD" PROGRAM

Akhmedova Yulduz Kasimovna

Teacher Of The Department "Basics Of Geography And Economic Knowledge" At Navoi State Pedagogical Institute, Uzbekistan

ABSTRACT: The crossword puzzle program is a program that helps students increase their vocabulary and is a very convenient and effective electronic educational resource for forming their terminological literacy. By using this program in teaching the science of "General Earth Knowledge", it will help to expand students' knowledge of place names, to quickly and easily master geographical terms and concepts, and to keep geographical terms in students' memory for a long time.

KEYWORDS: Geotexture, morphostructure, macro, meso and microrelief, interactive teaching methods, information and communication devices.

INTRODUCTION

The use of the program "Eclipse Crossword" in the teaching of "General Earth Knowledge" in higher education institutions helps to increase students' interest in this subject, independent research in the subject, acceptance of conclusions, and a deeper understanding of the meaning of concepts and terms. will give.

Also, the crossword puzzle program is considered a program that helps students increase their vocabulary, and is a very convenient and effective electronic educational resource for forming their terminological literacy. By using this program in teaching the science of "General Earth Knowledge", it serves to further expand students' knowledge of place names, to quickly and easily learn geographical terms and concepts, and to keep geographical terms in the students' memory for a long time. During the use of crosswords developed on the basis of this program, students work on crosswords with pleasure, get acquainted with new geographical concepts and terms. At the same time, they learn to think logically, correct stylistic and grammatical errors in words. It is necessary to follow certain principles when creating crosswords using this program.
Rules that must be followed in the crossword puzzle program

1. A crossword puzzle grid is not allowed to have filled cells.
2. Random combinations and intersections are not allowed.
3. Secret words must be nouns in the nominative case.
4. Two-letter words must have two intersections.
5. Three-letter words must have at least two intersections.

Published: June 25, 2023 | Pages: 73-75

6. Abbreviations are not allowed.
7. It is not recommended to get a large number of two-letter words.

Benefits of Using Eclipse Crossword in Teaching General Science

1. It allows to explain in detail the complex topics of "General Earth Science", to easily master the terms and concepts in them. For example Relief. Relief factors. Geotexture, morphostructure, macro, meso and microrelief forms. the subject of hypsographic curve contains concepts and terms that are more difficult for students to master. Using this program allows students to master the subject thoroughly.

2. The geographical terms and concepts used in the crossword must be clear. Therefore, it is ensured that students quickly memorize geographical terms and concepts and their meaning.

3. Students' abilities of thoroughness, activity, resourcefulness, attention, memory, logical thinking, speech develop.

4. Students refer directly to geographic maps while working with crosswords. This will help students to develop the skills of working with geographical maps.

Forms of working with a crossword puzzle:

When used during independent educational activities of students, in work outside the auditorium, in extracurricular activities: it helps to develop the ability of students to learn learning material independently and quickly. Students independently formulate questions correctly and clearly, create a crossword puzzle in printed and electronic form, contribute to the development of their creative abilities.

It is recommended to be used during the course of the lesson: repeating the topics covered, at the stage of summarization: at the five-minute test and at the stage of strengthening the topic, when working with the terms and concepts of science on a certain topic, at the stage of learning a new topic.

Also, when using this program, it is recommended to integrate geography with other subjects, especially English. Because through this, we will contribute to the formation of students' skills in learning foreign languages. In this, students will also learn how to name geographical terms, terms and toponyms in English.

In the world experience, great attention is paid to the use of interactive teaching methods, the development of didactic materials and electronic educational resources, and the improvement of the effectiveness of educational activities using the possibilities of information technologies. In particular, electronic education has developed in US schools, from which students have the opportunity to learn at a distance and self-assess using online standard and non-standard tests through the network. It is also possible for parents to monitor and analyze their children's knowledge of science online. According to the US National Center for Education Statistics, today 77% of educational institutions use information technologies on the Internet.

In the period of 2001-2005, 42 regional distance education centers of the Russian Federation were provided with information and communication devices for teaching through the Internet, and several educational portals were created in order to develop unified information education. , more than 10,000 e-learning resources are collected in these created portals.

Published: June 25, 2023 | Pages: 73-75

There are 38 online courses in Canada, 3 of which are conducted via video conferencing. 80% of Canadian experts believe that information technology has a positive effect on education, and they use computers (52%), encyclopedias (8%) and dictionaries (6%) to do homework.

In Japan, since 1994, as part of the "100 School Network" project, electronic educational resources designed for the Internet have been created, which are used by school teachers and students.

In Great Britain, 41% of schoolchildren use the Internet and computers during their studies, in Finland it is 19%, and in Romania and Hungary it is higher than 53%. All 12-17-year-old students of these countries do their homework and independent work using computer technologies. In Australia, media education has been made a compulsory subject from the 1st grade.

In South Korea, an E-learning system has been created for schools and is being used effectively. In 2005, the project "1 computer per student" was implemented. In 2013, all schools had the opportunity to use electronic educational resources online and to independently evaluate their knowledge.

REFERENCES

1. Vakhobov H., Abdurakhmanov B. Geotheories studied in secondary special educational institutions. "Actual theoretical and practical problems of geography". Resp. scientific. practical conf. Materials: T. 2006 p. 136-138.
2. Ahmedova Yu., Khaliqova M, Shirinova M, Rahmonova S // Theoretical Fundamentals of Improving the professional Competence of Geography Teachers in Educational Institutions// International Journal of Early Childhood Special Education (INT-JECS) ISSN:1308-5581vol 14, 03.2022 2022. 10015-10017.
3. Vakhobov H., Abdunazarov O., Zaynutdinov A. The problem of creating textbooks in geography education. Information of the Geographical Society of Uzbekistan. T. 2000, No. 21, pp. 188-191.
4. Vakhobov H., Saidamatov F. Expressing the goals of geography education in test tasks. Respub. Scientific and practical. Conf. materials "Formation and development of geography schools in South Uzbekistan" Termiz, 2006, 19-20.
5. Abdiyeva Z.A Using non-traditional teaching methods in geography. - Navoi, 2003. - 68 p.
6. Abduvokhidov A.S., Z.A. Ganiyev. "Methodology of geography education". Samarkand.: 2021. 49-52 p.
7. Mirakmalov M.T., Avezov M.M., Nazaraliyeva E.Y. Practical training in natural geography. Educational manual. - T.: Science and technology, 2015. -144 p.