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ACHIEVING EFFECTIVENESS IN EDUCATION WHILE ENSURING THE INTEGRATION OF THE DISCIPLINE OF WEB DESIGN WITH OTHER DISCIPLINES AND ENSURING INTERDEPENDENCE BETWEEN DISCIPLINES

Makhkamova Dilshodakhon Khabibjon qizi
Teacher, Kokand State Pedagogical Institute
dilshodaxonmaxkamova@gmail.com

ANNOTATION
This article sheds light on the important aspects of the implementation of interdependence and integration of academic subjects in the teaching of subjects. The importance of interdisciplinary communication in effectively teaching the fundamentals of web design to students in general secondary schools is highlighted..

Keywords: Interdisciplinary, integration, education, science, computer science, web design basics, creativity.

INTRODUCTION

The main tasks of a modern school are to prepare young people for life, show the diversity of the spiritual sphere, and satisfy cognitive and aesthetic needs. No sustainable curriculum can include all of these. Eliminating these shortcomings, supplementing and expanding students' existing knowledge, and stimulating cognitive activity is the primary task of a comprehensive approach to the educational process. This is an integrated approach that allows the child to use the power of emotional influence, to organically combine logical and logical things.

METHODOLOGY

There are many benefits to teaching in an integrated manner as well. An integrated curriculum causes students to **make connections** in their learning across subjects or between various areas of a specific subject. This is a more realistic learning experience. In “real-life”, problems are rarely as siloed as subjects in school can be. Teaching in an integrated manner helps students see problem solving as complex and multi-layered.

An integrated approach to learning provides students with **overarching organizing ideas** and concepts, which help them develop the bigger picture and not see learning episodically. Instead, they begin to internalize the process of making connections across disciplines and/or among topics within a discipline.

Integrated learning provides opportunities for students to **develop and value multiple perspectives** that come not only from different people’s interpretations but different disciplinary approaches to a particular problem or situation.

Whereas single-discipline focused teaching provides depth, an integrated approach adds breadth to the learning process and also the kind of depth of understanding that comes once something is understood in a larger context. It provides depth within breadth.

An integrated approach reinforces skills and content knowledge since integration relies on an **application of skills and content**. When students apply their skills, they not only see the relevance of the skill better, they practice it and embed it further into their toolbox of skills. This then supports retention.

Success in applying skills in a complex and integrated project leads to a generalized feeling of **efficacy**. Rather than a student just having the satisfaction of mastering a particular skill, they have the feeling that

they have actually solved an interesting problem or presented a complex topic well. While it is harder for students to pinpoint this success than on a skills-based test, for example, it can be deeply satisfying.

An integrated approach supports the use of reading and research, writing, speaking, and listening—across the disciplines. While it is hard to predict the future and what specific higher-level skills and content mastery a student will need to pursue a chosen career, it is clear that being able to research and communicate well are **essential skills for life** and in almost any chosen career path.

An integrated approach to education allows teachers to teach the school's core values in a natural and practical way, thereby making the learning experience inclusive of social/emotional strengths and character development.

DISCUSSION

It is known that web design is a young (new) profession compared to other professions. As the demand for internet is increasing, so is the demand for website design and the number of web designers. In Uzbekistan, the basics of web design are taught in the 10th grade in upper classes of general secondary schools. An effective study of web design is carried out in conjunction with several disciplines. The science of web design cannot be studied perfectly without integration with other disciplines. In the table below, we can see how the disciplines relate to web design.

Integration of web design and computer science	Integration of web design and other disciplines
• Computer science • Computer networks • Computer graphics • Database • Algorithmization • Programming	• English language • Visual arts • Art • Architecture

RESULTS

In teaching web design science, the student understands the science better as a result of interrelationship between disciplines. In the process of teaching the basics of web design to schoolchildren, it is important to connect informatics and information technology sciences, as well as to give knowledge of art and foreign language. The science of web design is close to the field of art. The student can create web pages through creative thinking, where art plays an incomparable role. Since all the terms in the process of designing web sites are taken in English, the student not only learns the basics of web design, but also increases his vocabulary in English and can think freely. The student not only learns web design, but also acquires creative thinking and English skills.

CONCLUSION

In conclusion, we can consider that the integration between the above subjects and the science of web design is one of the conditions for the most effective teaching of the science of web design in education.

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