

INTEGRATION OF BIOLOGY AND ENGLISH

Rahimov Atanazar Karimovich

TRCSPI p.f.d. Doctor of pedagogical science.

Mannobxonova Muqaddamxon Oktamxon qizi

TRCSPI is a first-year student of the master's degree.

Annatation: This article provides information on current issues in the teaching of biology, the integration of biology with English, the use of bilingualism in education, the origin, essence and advantages of bilingualism, the use of bilingualism in teaching biology.

Keywords: motive, knowledge, ability, skill, competence, bilingualism, method, ability, lesson, integration.

The issue of activating students' cognitive activity and increasing the effectiveness of teaching is one of the main problems of the science of biology teaching methods. Activation of students' cognitive activity means a conscious need for students to acquire a high level of motivation, knowledge and skills, high results and the emergence of behavior in accordance with social norms. This type of activity is always it does not arise, but only due to the teacher's purposeful pedagogical influence and the ability to create a favorable pedagogical-psychological environment.

The purposeful influence on the teaching of biology and the creation of a favorable socio-psychological environment will depend on the teaching methods used by the teacher. The issue of activating students' cognitive activity and increasing the effectiveness of teaching is one of the main problems of the science of teaching methods of biology. To address these issues, a bilingual biology project should be launched. Because today, language learning has become a modern precaution. As a result of the integration of biology and English, students not only develop their natural science literacy, but also acquire language competencies.

In our country, special attention is paid to the study of foreign languages. Resolution of the President of the Republic of Uzbekistan dated May 19, 2021 No PP-5117 "On measures to bring the promotion of foreign language learning in the Republic of Uzbekistan to a qualitatively new level" A number of tasks have been set to develop education as a priority, to radically improve the quality of education in this area, to attract qualified teachers to the field and to increase the population's interest in learning foreign languages.

Therefore, in the teaching of natural sciences, teaching in two languages (Uzbek and English) using the method of bilingualism is effective.

Because today the development of modern society is developing at a rapid pace. Modernization in the socio-economic, technological spheres, increase in production, development of international relations increase the demand for the process of training specialists in various fields of human activity.

Strengthening integration ties in the field of science necessitates the improvement of training of specialists in demand in the modern labor market. Today, the world's major powers consider it important to master multilingualism, especially international languages. This is because a person who can speak and write in multiple languages becomes a competitive person. In addition, teaching biology in English is of great interest to students, helping to increase their natural literacy as well as their language competencies.

The following scholars have conducted research in the field of socio-cultural approach to foreign language teaching: LL Bim, Vv Safonova, R. White, Av Khutorskaya, L. Bachman,

DH Hymes, D. Coste IL Beam, RK Minyar-Beloruchev, Ga Kitaygorodova, SF Shatilova), in the future

peculiarities of formation of bilingual competencies of teachers of computer science and mathematics were studied by LL Salekhov, problems of integral two-way education EG Krylov, concepts aimed at learning English at G. Polyakov high school, problem project of VF Aitov The model of formation of foreign professional skills of students is created on the basis of

Theoretical research has shown that there is a great deal of experience and scientific potential needed to solve the problem currently being studied, which creates the necessary conditions for our research. Thus, the analysis of these works allowed us to conclude that the problem of the formation of bilingual competence in the teaching of biology in secondary schools has not been sufficiently studied.

The bilingual human brain has several significant advantages. Some can even be seen: the gray matter has a higher density. In addition, the use of a second language increases the activation of certain parts of the brain. We can call this brainwashing.

Advantages of bilingualism:

Increases work opportunities.

Strengthens the brain

Improves memory.

Increases your ability to take on multiple tasks.

Provides an opportunity to meet new people.

It will be easier to learn another language.

It builds your confidence.

Expands your tourism opportunities.

It improves your first language.

U.S.A. researchers have found that people who speak more than one language have been asked to understand words and have had their tomographs taken. The results showed that such people were able to identify similar words better than those who spoke only one language. This ability blocks various distractions and helps you focus on a single task.

Bilingualism is especially evident in the standardization of terms of various disciplines, the definition of the principles of compiling a dictionary of terms.

In conclusion, I think that the use of bilingualism in teaching biology to schoolchildren, especially in the lower grades (grades 5-6-7), will give the expected results. The reason is that if the lessons are taught in both Uzbek and English, first of all, the teaching process will change from the traditional to the non-traditional form, which will increase the interest of students in science. Second, it forms the basis for the formation and development of students' language skills. And third, it allows students who are less interested in biology to be drawn into the mysteries of the science.

References:

1. A.E. Mamatov "Modern Linguistics" Tashkent Publisher"- 2019 170 pages.
2. B. Mengliyev, G.Tajiyeva "Introduction to Linguistics" Karshi-2007 173 pages.
3. N.A.Mirzayeva "Pedagogical innovation education cluster in the development of natural science literacy: the Chirchik experience is in practice" Central Asian Journal of Education-2021 11 pages.
4. N.A.Mirzayeva "The effect of the died on the body of a teenager" International scientific and practical conference-2020 90 pages.
5. R.A.Karimov, M.O'.Mannobxonova "Advantages of using bilinguism practice in teaching biology" London conference 2021 319 pages.

6. Z. Kadyrov, K. Umarov "Integration of sciences in linguistics" Andijan-2019 99 pages.
7. "Mirror of Knowledge" magazine.
8. К.А. Леонидовна "Формирование билингвальной компетенции у студентов химико-биологических специальностей " Челябинск-2019. 110 pages.
9. Medium.com