



ORGANIZATION OF ECOLOGICAL EXCURSIONS IN BIOLOGY CLASSES

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Abstract: *In this article, the development of the methodology of organizing ecological excursions in biology classes, the inclusion of local natural objects and conditions by the teacher in the planning of excursions, and the inclusion of excursions in the biology process are fully discussed.*

Key words: *biology, environmental excursions, extracurricular activities, extracurricular activities.*

INTRODUCTION

It is known that field trips to biology classes have high educational potential in addition to educational value. They develop a sense of beauty, a responsible attitude and love for nature and their homeland. In biology classes, field trips play a key role in connecting education with life. Excursions can be botanical, zoological, general biological, ecological and complex, taking into account the educational content of individual biology courses.

When planning excursions, the teacher takes into account local natural objects and conditions. Excursions can be organized around the school's educational and experimental site, agricultural production, scientific research institute, botanical garden, recreational park, etc.

LITERATURE ANALYSIS AND METHODOLOGY

Field trips in the subjects of training courses are divided into the following. An introduction to a lesson or topic, usually held in the fall, aimed at engaging students with questions, observations, and collected material. The success of the excursion depends on the preparation of the teacher and students. An excursion will not be held in a place unknown to the teacher. The teacher must conduct an excursion in a pre-planned place. The organization of biological excursions in teaching biology occupies an important place in the system of forms of teaching biology.

The inclusion of excursions in biology classes solves the main educational, improvement and educational tasks: improvement of correct ideas about external relations, internal structure of the organism and organs in general, development of ideas about physiological processes, formation of the ability to compare, find commonalities, it is important to develop teamwork skills on the material, to improve interest in knowledge, and to develop professional directions of students.

RESULTS

The main form of educational work for all subjects studied at school is the lesson. In the lessons, the educational material prescribed by the state program and to some extent



the textbook is taught. Attending classes is mandatory for students. In addition to the important form of teaching biology - lessons, other forms of educational work conducted by the teacher with students have historically emerged in school practice.

Initially, non-compulsory extracurricular and extracurricular activities, excursions were included in the educational system. In biology lessons, the teacher uses all teaching methods: oral, visual, practical methods. It shows plants and animals and introduces students to the external as well as internal structure of some organisms through practical activities. However, the formation of living organisms, the cooperation of different organisms in biocenoses cannot be shown in the lesson. That is why special forms are used to supplement lessons in biology teaching methodology.

DISCUSSION

Excursions in biology classes introduce students to natural groups, farms or museums, plants and animals in nature. Excursions are inextricably linked with the lesson. The objects studied during the excursion will be recalled many times during the course, and the collected objects will be displayed. During excursions, students strengthen their previous knowledge, develop their learning about nature, make observations and collect materials based on tasks.

Consequently, biology is an important form of teaching in general secondary schools. The course covers important academic material in the subject, but is integrated with other forms of teaching, such as extracurricular activities, extracurricular activities and field trips. Extracurricular activities, for example, results of observations and experiments conducted in nature, at home and in the corner of living nature, herbariums and collections prepared on excursions are used in the lesson.

SUMMARY

In conclusion, it should be noted that ecological excursions serve to strengthen, expand, improve, and consciously guide the students to the profession. Therefore, in the teaching of biology, it is necessary to plan and effectively organize lessons, extracurricular activities, extracurricular activities and excursions, that is, to implement a systematic approach to teaching.

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