

The importance of topographic maps for primary school age groups

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Abstract:

In ancient times, geography was an encyclopedic collection of knowledge about the nature, population, and economy of different countries. Now it is not a single science, but a whole system of natural and social disciplines. It studies the geographical environment of the Earth, its structure and dynamics, the spatial distribution and interconnections of its components.

The system of geographical sciences was formed by the gradual fragmentation of the ancient unified geography. One direction of this differentiation was analytical specialization in the study of a separate component of the natural environment or a separate branch of the national economy; the other - synthetic specialization in the study of natural or industrial territorial complexes.

Geography, as we know, is divided into the following disciplines: natural sciences, social sciences, regional studies, regional-natural sciences and cartographic sciences. All directions are important in the science of geography, although cartography connects all of them with its specificity. Its importance is great in the planning and compilation of maps, globes, and atlases. It equally serves all areas of natural and social sciences. It is not only a science about maps, but also a theoretical and practical science reflecting the dynamics of many phenomena.

The methodology of teaching cartography is also important in the subject of geography in schools, which begins in the grades following the primary level, that is, from the 7th grade. Here, we should note that the basis of our theoretical research is that knowledge of cartography is also necessary in the primary grades. It is then that the student begins to get acquainted with, perceive and learn about the world around him.

In the modern world, technology has developed rapidly, leading to the creation of new, innovative tools. An example of this is the global navigation system - GPS. Which is unique everywhere, its system is used by most of the world's population. It is in all technical devices. Students are no exception. They know Google Maps at least a little, but not its full use. Therefore, it is important that with the help of cartographic material (maps, atlases, etc.) with the legend and conventional signs, the student will step by step learn new material, get acquainted with the new world, which for him is a school, a zoo, a park, a road and a variety of sights around it. This will help him to better master and learn the subsequent geographical and cartographic stages of education. At the same time, a skill will be developed that will develop individualism and the application of the studied material in everyday life.

Therefore, it is necessary to study and understand from the very beginning, at an early stage, what a map is, how it is used, what it is needed for, and what purpose the detail or general resolution depicted on it serves.

As we know, modern students are provided with many information tools and techniques, however, their consciousness, which is associated with visibility, is always active in learning and teaching, as well as in the acquisition and cognition of various new materials. Therefore, our goal is to create a new, additional topographic map resource in primary schools, which will be both interesting and necessary. The student will gradually study geography through maps and fun tasks, as a subject necessary for his daily life.

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