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The role of the national curriculum in shaping natural concepts in the primary grades

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Annotation: This article discusses the methods of forming concepts of nature in the primary school in the framework of the national curriculum, explaining their specificity.

Introduction

Thorough teaching of a healthy and harmoniously developed generation in general secondary schools on the basis of scientific knowledge will help them to form a broad outlook and scope of thinking, the effective formation of spiritual and moral qualities, the organization of educational work. After all, creating a bright future for the country, spreading its name around the world, demonstrating to the public the national cultural heritage created by great ancestors, enriching them, ensuring that the independent Republic of Uzbekistan is one of the developed countries. requires training as a qualified professional.

Paragraph 71 of the Resolution of the President of the Republic of Uzbekistan dated February 19, 2014 No. PP-2133 on the State Program "Year of the Healthy Child" defines the ministers for improving the quality and effectiveness of primary education. In order to ensure the development of textbooks and manuals of textbooks, in these manuals are various ways and means of applying advanced pedagogical technologies in the formation of knowledge, skills and abilities that the student must acquire. It takes into account such aspects as the young psycho-physiological development of primary school students, their knowledge, ability to perceive the events and phenomena around them, their interests.

Each textbook includes multimedia applications, animation, video and cartoons, test assignments, didactic materials, depending on the time of transition. These multimedia can be the basis for students to better understand the textbook and the environment. Methodology of teaching science is a pedagogical discipline that reveals the content and methods of comprehensive education of children in the teaching of science. It is based on research in pedagogy and uses its methods, taking into account the content and characteristics of teaching their subject. , not only equips them with training and skills, but also shapes their worldview, will, character, develops their mental abilities. Accordingly, develops forms and methods of teaching science. The interrelated parts of the teaching process: the content of the subject, the activities of teachers and students, that is, the subject itself, its teaching and learning, that is, knowledge, teaching and learning. 'involves the acquisition of nicknames. Accordingly, the tasks of teaching science include the definition of the content of science as a subject, the study of methods and techniques of teaching, the development of the necessary teaching equipment. The teaching of natural sciences is



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not limited to the description and explanation of the teaching process, but also develops rules on the basis of which a teacher can successfully teach children in this subject.

Science teaching covers all teaching processes, from teacher training to the results of mastering the material, including in-class, home, out-of-class, and out-of-school activities. Based on a comprehensive study of teaching practice and subsequent creative generalization of the results, specific laws of teaching are identified and measures are developed to further improve it. , the study of celestial bodies) on the basis of the law of direct perception (which ensures the formation of correct imagination) specific measures for the application of subject teaching are developed and concepts related to life to students is given.

Nuriddinova MI Methods of teaching natural sciences. Textbook. T., 2015.3-8 p.

The textbook of the world around us is now known as SIENCE in the national curriculum of general secondary education. lib, linear teaching-memorization, spiral without confinement to the textbook, 21st century skills development, teacher book, student notebook, multemidea, based on logical critical thinking, practical skills and competence.

- Now students change the topics mainly in a spiral, ie from simple to complex classes;
- Skills to apply knowledge in real life;
- Logical issues when working with assignments that meet international standards of assessment of students s and project work are allocated separate hours;
- Based on interdisciplinary integration in the sequence of topics;
- Assessment is developed and taught with the exchange of experience with developed countries such as Finland, Singapore, the Republic of Korea, England.

In the current national curriculum, theoretical hours have been reduced and practical hours increased from 20% to 50%. In the SIENCE textbook, 14 topics have been introduced based on the first step program. from the 2021-2022 academic year in grades 1-2, from the 2022-2023 academic year in grades 3,4-10, from the 2023-2024 academic year in grades 5,6-11, from the 2025-2026 academic year. What do we learn from the natural science textbook created in the 2021-2022 academic year? A survey among students and teachers on the advantages of previous textbooks We can see that many people approved the textbook in the new edition. What are the advantages of the new edition of the textbook?

1. Theoretical knowledge decreased and practical knowledge increased (from 20% to 50%).
2. Science classes at school have been increased to 2 hours per week (in the previous textbook it was 1 hour per week).
3. Along with the textbook, an exercise book for students was also issued (there was no exercise book in the previous textbook).
4. A natural science program has been created, in which we can see the landscape, animals, nature come to life when students hold the page of the book in the camera of the phone. This further increases the student's interest in science.

The textbook provides an opportunity to use practical work and experiments. This new textbook helps students to develop a natural understanding of nature and the environment, to increase their interest. In Grade 2, a natural science textbook, students are given a hands-on activity on "I'm a researcher" and have a task to paint a flower using a colored solution. " The students will learn about invertebrates and vertebrates as a practical activity on the topic "Diversity of animals"; "Aquatic life"; By completing a practical assignment on the topic, they will learn how to place



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plants and animals in a way that is appropriate for their habitat. It is safe to say that the current new textbook meets international standards. we would not be mistaken in saying that science can be the basis for obtaining.

National Curriculum .2020 KT Suyunov and the main Republican educational center Textbook of natural sciences for grades 1-2 8-22-28

In his book "Humanity, kindness and creativity are the foundation of our national idea," President Mirziyoyev said, "There is no future for a science-based industry." We need to bring up the educated as a person of potential. For this, the educator must be a person who can fully meet the requirements of the times. We have come. ”

Sh.Mirziyoyev "Humanity, kindness and creativity are the foundation of our national idea" pp. 10-30.

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