Specific Characteristics of Mother Language Teaching in Connection with Computer Science

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Abstract:

This article discusses the integrative approach to mother tongue education at school. The article gives ideas on how to teach students to sort information from a young age by connecting the science of the mother tongue with the science of informatics, how to create self-awareness in the digital world, and how to use digital tools. It is written about the importance of assignments in school textbooks.

Keywords: integration, pedagogical technology, digitization, social networks, digital world, social media, media literacy.

In education, it is no longer enough to provide students with a certain system of knowledge and remember them. Arousing motivation, creating a desire for independent learning, teaching on the basis of integration are urgent tasks in modern education. Pedagogical technology is an educational system aimed at realizing such a demand.

Integration means "whole", so it is the integration of different parts and elements of the process of thinking growth into a single whole. An integrative approach to mother tongue education serves to further increase its quality.

The teacher of the mother tongue must first of all ensure coherence in the inter-disciplinary internal connection. Based on the principle that the topics of the subject are interconnected, from simple to complex, from easy to difficult, the new topic is connected with the previous topics. These activities are carried out using the three known types of cross-disciplinary linking, namely pre-learning, in-learning and post-learning.

External connection in mother tongue education refers to its interaction with other related and non-related fields and disciplines. In this regard, the science of the mother tongue is interconnected with the sciences of literature, geography, patriotism, the foundations of the state and law, computer science, physics, mathematics, chemistry, biology, and the foundations of economic knowledge, and the existing knowledge is classified in a general way.

The mission of the general secondary education school is to prepare a graduate who can apply his knowledge in life situations. One of the ways to solve this problem can be considered to be integrated teaching of mother tongue with other general secondary education subjects. It is known that every science is inextricably linked with other sciences. During the course of the lesson, explaining the topic in connection with other subjects has a significant impact on the effectiveness of the lesson.

The science of the mother tongue is also directly related to many subjects, and if the teacher makes good use of this connection in the process of explaining the subject, the student's understanding of the subject will be easier and interdisciplinary integration will be achieved.

Below, we will mention the relationship between mother tongue science and computer science: Teaching students to sort information from a young age is also considered a requirement of today. Because the receiver, spreader and creator of information can be exactly you, the student of the school we educate. It is true that until today information and messages were carried out by the official media, but now this is not limited.

The numbers that change every month have made it necessary to separate the necessary information from the unnecessary, to acquire literacy through the media. Digital literacy: Use of digital tools; identity in the digital world; recognition of the rights and obligations of the digital world; improving communication through digital means; health care in the use of digital tools; consists of such elements as the application of personal safety in the digital world.

Textbooks for 6th, 7th and 10th grades were prepared as part of the transition to the national curriculum. If you pay attention to the content of the textbook of the mother tongue for the 6th grade of his school, you will find the usual topics, for example, "Verb", "Person-number, tense forms of the verb", "Language - a means of communication" instead of "Adjective", You can see such topics as "Global warming", "Export-import", "Taxes", "Digital world". The previous mother tongue textbooks consisted of systematic rules about the structure of the language and exercises that ensured the memorization of these rules.

The topic "Social networks" is given in the 7th grade textbook. Based on the assigned task, the student should answer the following questions orally on the basis of pictures related to social networks and write their names in the notebook.

1. Which characters are familiar to you? What do you know about them?
2. Comment on the impact of social networks on our lives.
3. What do you mean by communication etiquette in social networks?
4. Do you also use any social network? Explain your answer.

It is known that people who have not formed a media culture fall into the trap of any information transmitted through the Internet, and are distinguished by the sluggishness of their consciousness and worldview. Young people in particular receive a large amount of information from many sources besides the mass media (television, radio, newspapers and magazines). Through this task, the students' media literacy skills, the ability to identify different types of mass media and understand the messages they send are formed.

If we look at the various correspondences in mobile communication, there are many spelling, punctuation and stylistic errors. This leads to the weakening of the culture of literacy among young people. In another task, students correct the dialogues based on their observations so that they do not make mistakes and follow the standards of literary language.

Another text is written about the thoughtless people in today's internet world. This text teaches students to use communication opportunities correctly, to be willing, and to think deeply.

In the 6th grade textbook, the topic "Digital World" is given. Answer the following questions based on the pictures:

1. Based on the pictures above, talk about what you understand by the term "digital world". 2. What are the advantages and disadvantages of online education? 3. What do you mean by "online shopping", "online store", "online market"? Can you give examples of them? 4. When and for what purpose do we use online payment? Why do we need it? 5. Have you heard of cryptocurrencies, specifically bitcoin? What do you know? 6. What do you mean by "virtual existence" and "virtual travel"? What are the opportunities in this field? How do you envision the future of the industry?

In the next task, "What is the password?" interesting information is given under the title.

A survey was conducted on the Telegram channel "Arif Talib page" about giving the word "smiley" an Uzbek name. Subscribers voted for the word "hisbelgi" more than "kulgich", "hysbelgi", "kuldigich", "kulinchak". Because emoticons express human feelings.

In English: "emoji"; In Russian: "smileyk"

Such tasks form students' understanding of the Internet world and express their attitude to their language.

Based on the text "Digital World", the following questions were asked:

1. What do you understand by digitization? What is digitized in this process? 2. What other digital technologies do you know, such as computers, smartphones, and televisions? 3. According to the article, the "digitalization of the world" will accelerate with the invention of the "iPhone" smartphone. What other inventions do you think accelerated this process? 4. "Slowly, many things we use have become 'digital'." Why do you think the highlighted word is in quotation marks in this sentence? 5. What is meant by "even emotion exists digitally"? 6. As a result of the digitization of the world, "aren't we losing humanity?" How do you answer the question?

In the textbook of the 5th grade, there is a text about the foundation of the science of algebra by Muhammad ibn Musa al-Khorazmi. An assignment was given to explain words such as algorithm, computer, processor, program, mobile communication devices in the text. The text "In the Internet world" and "The "brain" of the computer" are also given in the textbook through the topic "Terms related to the Internet". By completing these texts, students will learn about the creation of the Telegram, Instagram, Twitter, and Facebook programs by Mark Zuckerberg. By copying the explanation of words such as account, blogger, avatar, file, meme, hashtag, web page, webinar, digest in exercise 328, students will learn the meaning of the most used terms in our life and today they can answer the most pressing questions of the day.

Thus, by teaching the concepts of digital and information technologies in linguistics, students not only acquire new knowledge, but also acquire the ability to be creative and creative within the framework of their interests, and understand the secrets of digital technologies.

Students who have developed critical thinking will be able to search for accurate and valid information within the framework of their acquired knowledge and create innovations (inventions) based on their views. That is why it is important to develop these skills in young students.

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