THE DIDACTIC POSSIBILITY OF SUBJECTS IN FORMING LOGICAL THINKING IN THE PUPILS OF ELEMENTARY STAGE

F. Ehsonova
Andijan State University, 129, Universitetskaya Str., Andijan 170100 Uzbekistan
asu2002@rambler.ru

Abstract. The object of this article is to show the importance of logical thinking in the pupils of elementary stage, organize the activity of the pupils directed to get this aim and also the main specific features of this process. The main attention is given to clear up the general and specific features of the subjects at the elementary stage in forming logical thinking of the pupils. Pupils are acquiring knowledge systematically and continuously. And this dynamic way of acquiring knowledge will help them to improve the habits of logical thinking which makes them easy to understand the relations between subjects, events and things. And it is important for the teachers who work at the elementary stage to have corresponding knowledge and the skills of using the didactic materials in forming the habits of logical thinking in their pupils and also the ability to methodological help to the parents of the pupils.

Keywords: elementary stage, the pupils of the elementary stage, a teacher of the elementary stage, logical thinking, teaching subjects, the didactic possibilities of the teaching subjects.

It’s easy and favorable to improve the ability of thinking in the pupils of elementary stage. Beginning from the first form the first signs of logical thinking can be seen (2007). About at the age of 6-7 9 at school) the new two forms of thinking: oral-logical and abstract thinking formed. The affectivity of teaching at school is closely related on the degree of these two forms of thinking. (Ibrahimova, Sultanov and Jurayev, 1996, p. 41)

The main task of the parents is to improve the logical thinking of the pupils of the elementary stage by giving them tasks taking into consideration the age and other psychological features. The main task of the parents is to improve thinking and logical thinking of the pupils of the elementary stage by giving them tasks taking into consideration the age and psychological features. And this demands of the teachers who work at the elementary stage to have good pedagogical and psychological knowledge, pedagogical and methodological competence. This will help the teachers who work at the elementary stage not only for forming the skills of logical thinking but also to give parents of the pupils’ methodological help that they need.

In forming the logical thinking in pupils the role of the teacher is great because he has “basic” knowledge in this sphere. But there are also some factors which influence on the efficiency of logical thinking.

Having studied and analyzed the literature on the theme we came to conclusion that the teachers should take into consideration in forming the habits of logical thinking in pupils. They are following:

1. Independent or self-evaluation his/her pedagogical, psychological and methodological preparedness;
2. Taking into consideration the age, psychological and individual features of the pupils;
3. Diagnosing the ability of thinking and the habits of logical thinking of the pupils of the elementary stage;
4. According to the results of diagnosing to establish the farther direction of activity;
5. To study how the programs and subjects are able to form and improve logical thinking in pupils;
6. To study the mutual relations of the subjects, the activities on education and upbringing the pupils, lesson and out of lesson activities;
7. Existence of methodological and didactic means on forming and improving logical thinking of the pupils under teacher’s disposal;
8. Carrying out systematic and effective work on forming logical thinking in the pupils during the pedagogical activity;
9. To make changes if it is needed in the dynamic and dialectic features of the pedagogical activity and also in the methodological content of forming logical thinking. To enrich didactic means and materials by studying native and foreign experience, social and educational development;
Such school subjects as “Reading”, “Nature”, “Ethics”, “Mathematics”, “Mother tongue” (Uzbek language), “Russian”, “Drawing and labour” are very important in forming the habits of logical thinking in pupils. These above mentioned subjects have general and specific opportunities in forming the habits of logical thinking in the pupils of the elementary stage.

Studying the literature on the theme, and analyzing the didactic features of school subjects we have fixed the general and specific opportunities of school subjects in forming logical thinking in pupils of the elementary stage which are given in the following two schemes (table 1 and table 2):

**Table 1**
The general features of school subjects which can influence on logical thinking of the pupils of elementary stage

<table>
<thead>
<tr>
<th>School subjects</th>
<th>General Features</th>
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<tbody>
<tr>
<td>Reading</td>
<td>Creation the opportunity of systematic and continuous learning the subjects. Mutual relationship of the subjects. Create conditions for comparing the nations between the subjects. The opportunity of getting teacher’s help in difficult situations. The opportunity of carrying out the tasks by pair and group work.</td>
</tr>
<tr>
<td>Nature</td>
<td>By watching nature and the natural or geographic objects in circumference, by studying the social relations, subjects, objects and events find out the relationship between them which gives the opportunity of comparing them.</td>
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<tr>
<td>Ethics</td>
<td>Establishing relations between subjects (individuals), learning the rules relating on them, studying the activities of persons and by expressing one’s attitude to them define the positive and negative features and be able to make conclusions.</td>
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<tr>
<td>Mother tongue</td>
<td>Making up words by using different anagrams and constructing sentences by using the given words will help to form logical thinking.</td>
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<tr>
<td>(Uzbek language)</td>
<td>By directing the activity of the pupils to solve algorithmic and logical-geometric tasks this subject improves the features of mathematics understanding.</td>
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<tr>
<td>Mathematics</td>
<td>Defining the difference of given two similar pictures, explaining what is painted in the pictures, drawings, sketches from the logical point of view improves the pupils’ logical thinking.</td>
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<tr>
<td>Drawing</td>
<td>This subject helps the pupils to understand their activities while working, the role of labour in self-service, to understand the problems in social and individual relations.</td>
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<tr>
<td>Labour</td>
<td>It is demanded from every teacher who works at the elementary stage to take into consideration these above mentioned features of the school subjects in improving the pupil’s logical thinking. These features of the school subjects are very important in giving the pupils tasks. And this will lead to good results in forming and improving logical thinking in the pupils of the elementary stage.</td>
</tr>
</tbody>
</table>

In conclusion, we would like to stress once more the importance of the elementary stage in forming logical thinking in pupils. At the stage they are acquiring knowledge systematically and continuously. And this dynamic way of acquiring knowledge will help them to improve the habits of logical thinking which makes them easy to understand the relations between subjects, events and things. And it is important for the teachers who work at the elementary stage to have corresponding knowledge and the skills of using the didactic materials in forming the habits of logical thinking in their pupils and also the ability to methodological help to the parents of the pupils.

**References**