

**SCIENTIFIC-THEORETICAL AND PSYCHOLOGICAL ASPECTS OF FORMING
CHEMICAL LANGUAGE IN STUDENTS***Duruskari G. Sh.*

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Language is a basis of forming relationships between people. The development of language as a means of communication requires a correct grammar approach at all stages of the age period. In a certain period, the basis for forming the scientific language is formed. So, the language of science is based on the native language. Properly mastered language lays the foundation for the correct expression of concepts.

Our research topic is the scientific-theoretical and psychological aspects of forming chemical language in students. Mastering the language of chemistry helps students to analyze the chemical processes they visually observe, to apply subconscious knowledge to these processes, and to turn the theoretical facts they accept with concepts into reality through the description of the scientific language. This reality forms many scientific and psychological advantages in students.

1. Students who have mastered the language of science minimize the time spent on learning science. Learners with chemical language skills are more free, confident and flexible in expressing their ideas.
2. Students prefer to think in symbols rather than concepts. This way of thinking is also reflected in the way of expression. Students already acquire the skills to express their ideas in a more concise, clear, unambiguous and scientific context.
3. Students are able to interpret the theoretical knowledge they want to express in a coherent way, drawing from their mastery of the chemistry language base. At the same time, this encourages the repetition of chemical language knowledge and its consolidation in memory.
4. Students who have mastered the language of chemistry can skillfully use the world scientific basis. This causes them to integrate into world science, participate in active scientific discussions, develop self-confidence qualities, and above all, psychological balance.

Thus, the main principle of forming scientific language in students is based on the principle of timely, professional and stimulating work.