

## **The future of geochemistry begins the day before**

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Geochemistry as a part, or subdiscipline, of geoscience has a great importance and perspectives due to the intensive development of industrial technologies and the increasing influence of humanity on the environment. One can say, geochemistry is the science of the future. And its fate is in the hands of the current students as the scientists of the future. Students begin to study geochemistry in the universities. But a student shouldn't come to the university as a *tabula rasa*. He should already have a certain amount of scientific knowledge, background so to speak. And we must provide him with this background at school.

At an elementary school, pupils are introduced to general ideas about the world and the environment. The holistic picture of the world is being formed in their minds. In some sense, they like scientists-naturalists of the Age of the Enlightenment. At the next stage school, pupils gain knowledge in certain natural science disciplines. At the same time, the teaching methodology is organized in such a way as to reveal interdisciplinary connections and their integration. As a result, a person with the baggage of modern scientific knowledge is formed. It is this person is the best student, in geochemistry including.

The teaching methodology described above was characterized to educational processes in the former USSR. The task of a modern school is to preserve and develop this methodology. Only in this way will geochemistry be able to achieve its prospects.