

A journey into the world of science. Chemistry through the ages.

Chemistry is one of the most important and extensive fields of natural science, that studies substances, as well as their composition and structure, chemical reactions, as well as the laws and patterns that these transformations obey.

On January 20 and 27, 2024, the head of the Department of Natural and Mathematical Disciplines of TTPU, Doctor of Technical Sciences, academician Dilshat Ubaydullayevich Tulyaganov taught a lesson on the topic of chemistry basics with schoolchildren of secondary schools № 196 of the Almazar district of Tashkent and № 9 of the Tashkent district of the Tashkent region.

At the beginning of his speech, D.U.Tulyaganov focused on the activities of Turin Polytechnic University in Tashkent, aimed at training highly qualified specialists for mechanical engineering, energy, industrial and civil engineering and other sectors of the national economy.

Introducing schoolchildren to the basic concepts and laws of chemistry, academician Tulyaganov emphasized that chemistry plays a huge role in human life. Everything that surrounds us – people, animals, plants, mountains, seas, objects – is directly related to chemistry. Based on the basic laws of chemistry, it is possible to conduct scientific research aimed at creating new materials.



During his lesson, the academician spoke about the thinkers of Ancient Greece and the encyclopedist scientists of the East Abu Raikhan Biruni, Ibn Sina and others, who made an invaluable contribution to the development of natural sciences, in particular their statements about the existence of extremely small, further indivisible material particles that make up the whole universe. The lecturer, in a very interesting and accessible form, introduced schoolchildren to the results of the scientific research of J. Dalton, J. Thompson, E. Rutherford and N. Bohr, who made an invaluable contribution to the evolution of ideas about the structure of the atom.

At the end of the classes, Academician Tulyaganov spoke about the history of the periodic law by D.I. Mendeleev. It was emphasized that the periodic system of D.I. Mendeleev became the most important milestone in the development of atomic-molecular science.



Students actively participated in the discussion and asked questions, demonstrating their interest and attention. The administration of educational institutions expressed the opinion that such events will help schoolchildren better decide on their choice of profession and build their life path.

