

ZSOLT BÉLA BÁRÁNY



Dóczy Grammar School of the Reformed College of Debrecen

Address: 35 Kossuth Street, H-4024 Debrecen, Hungary

TEACHING CAREER IN BRIEF

I graduated from the University of Debrecen in 2004 with a degree in Chemistry and a teaching certification in Chemistry. As a senior, in 2003, I began working at the Tibor Erdey-Grúz Secondary Technical School for Chemistry, where I started teaching vocational subjects and later moved on to teaching Chemistry. There, I compiled numerous teaching aids to support the teaching and learning of vocational subjects, which are still used today in various vocational training institutions across the country. I worked for nearly four academic years at the Endre Hógyes High School, where I served as the head of the science laboratory. In 2015, I began working as a part-time instructor at the Dóczy Grammar School of the Reformed College of Debrecen, and in 2019, I took on a full-time position. I participated in the professional development of National curriculum 2020. On behalf of the Education Authority, I have played a role in the development of more than ten textbooks and workbooks. As an expert for the Charitable Foundation for Natural Sciences Education Szabó Szabolcs, I participate in numerous projects, serving as a coordinator in some of them. I am the secretary of the Chemistry Teachers' Department of the Hungarian Chemical Society. Talent development plays a prominent role in my daily life. My students have achieved excellent results in numerous competitions. My work in talent development has been recognized with several awards, including the Special Prize at the János Irinyi National High School Chemistry Competition, the "Teacher of the Year Award," a quality award, recognitions from the Hungarian Academy of Sciences (MTA), the "Award for Hungarian Chemistry Education," and the "My Teacher Is My Role Model" award. I am a member of the competition committee for the János Irinyi National High School Chemistry Competition, and I compile, review, and edit the exam tasks. Since 2012, I have been running a website dedicated to supporting Chemistry education.

PUBLICATIONS

Graduation Exercises in Chemistry (in Hungarian, MX-1364, Maxim Publishing House, 2024)

P-prims in Student's Thinking (in Hungarian, Magyar Tudomány, 2022)

From Recipe-like Experiments to Experiment Design (in Hungarian, Középiskolai Kémiai Lapok, 2021)

The New National Curriculum and the Chemistry – Maybe Nothing Is Pure Black or White (in Hungarian, Magyar Kémikusok Lapja, October 2020, 290-292.)

a large number of textbooks published by the Education Authority (2020–2023)

SUCCESSFUL STUDENTS

András Péntes

pharmacist

- János Irinyi Competition, 2008, 1st place

Lívía Pelyvás

pharmacist

- János Irinyi Competition, 2008, 3rd place, 2009., 3rd place

Klára Kovács

Physics student BME

- János Irinyi Competition, 2022, 9th place

Ottó Tatai

medical student DE

- OKTV, 2022, 30th place

Panna Hunyadi

senior student DRK Dóczy

- TUDOK, 2026, 1st place