BENCE FARKAS SZABÓ



ELTE Bolyai János Practice Primary and Secondary Grammar School

Address: Bolyai u. 11., H-9700 Szombathely, Hungary

TEACHING CAREER IN BRIEF

In 2016 I graduated as a biology and chemistry teacher at the University of Pécs. During my university studies, I conducted research in the Department of Experimental Zoology and Neurobiology and had the opportunity to participate in the research group of Prof. Dr. Johann Helmut Brandstätter in Erlangen for 10 months. For my achievements I received the „Student of the Year" award in 2012. On the day of my final exams, Mr. József Baranyai invited me back to my former high school to teach, so I started my teaching career right after my university studies. My school work is based on constructionist pedagogy and I use methods that help students to actively acquire knowledge. In my classes I use the flipped classroom method, problem-based teaching and Mazur's peer instruction. I am also actively participating in several projects. I am involved in the Szabó Szabolcs Foundation's Mobillab project as a Mobillab teacher. I have been contributing to the writing of the biology textbooks for NAT2020 for the Educational Authority. In 2022, I received the Richter Young Science Teacher Creative Award for my work.

PUBLICATIONS

Baranyai J., Kerényi Z., **Szabó B. F.**, Veres G., Vizkievicz A.: Gyűjtemény a biológia emelt szintű oktatásához. Oktatási Hivatal, ISBN 978-963-436-256-2

Szabó B. F. (2018). Izomorf kérdések hatása az „egymás tanítása" (peer instruction) módszer hatékonyságára, Középiskolai kémiai lapok (2498-5198): 45 pp 331-340

SUCCESSFUL STUDENTS

Dominik Dobos
(PhD Student, Semmelweis University)
- 2018 2nd International Chemistry Tournament (Russia) – Silver Medal

Máté Sarkadi
(Chemical Engineering Student, BME)
- 2022 4th Herba Medica Academic Competition – 8th Place

Fruzsina Káldy
(Medical Student, Semmelweis University)
- 2024 National Secondary School Academic Competition (OKTV) in Chemistry, Category II – 10th Place
- 2024 7th International Chemistry Tournament (Mexico) – Gold Medal

Péter Rőthy-Gruber
(Chemistry Student, ELTE)
- 2025 8th International Chemistry Tournament (Romania) – Gold Medal
- 2026 9th International Chemistry Tournament (South Korea) – Member of the Hungarian Delegation

Ábel Németh
(High School Student)
- 2026 12th György Oláh National High School Chemistry Competition, Category II – 3rd Place

Milán Ekbauer
(High School Student)
- 2026 8th Herba Medica Academic Competition – 1st Place