

Katedra matematiky a didaktiky matematiky FP TU v Liberci
zve učitele a zájemce z řad studentů i veřejnosti na přednášku pořádanou v rámci cyklu

MATEMATICKÉ SEMINÁŘE KMD FP TUL

Pondělí 26. 9. 2022 od 14:20 hod. v Zasedací místnosti DFP (4. patro budovy G areálu TUL, Univerzitní nám. 1410/1)
+ on-line na Google Meet: <https://meet.google.com/gva-ipaj-jhe>



prof. Dr. Klaus-Peter EICHLER: EXERCISING IN MATHEMATICS LESSONS - EFFECTIVE, SUCCESSFUL, AND MOTIVATING FOR ALL STUDENTS

(Recommended for teacher-students and teachers of primary and elementary schools)

Description: Exercising in mathematics must be done daily, and exercising ultimately determines the results in mathematics. Everyone knows very well that exercising requires perseverance and persistence and that pleasure and joy are factors of success in learning. If these sources of motivation do not dry up, suitable tasks and differentiated work are necessary. So students of different performance levels are addressed because nobody likes to calculate monotonously similar tasks for hours on end when the best students in the class are getting other, attractive problems at the same time?

In the workshop, the participants will get familiar with new task formats and forms of exercise, discover proven methods from a new perspective, and, above all, vary them in various ways because it is also necessary to exercise the exercising.

Goals: The participants will apply design principles for exercising, especially variation of tasks, to different contents from the field of arithmetic and geometry. The participants know motivational forms of tasks usable for exercising in daily teaching without any additional investment of time and material. The participants know and use possibilities to work with tasks and adapt the tasks to the learner. The participants know and use possibilities for diagnostic work during lessons, especially regarding learning difficulties.

Za organizátory

Mgr. Daniela Bímová, Ph.D. a Mgr. Jiří Břehovský, Ph.D.

Přednáška bude proslovena v anglickém jazyce.



Přednáška je součástí řešení projektu **ITEM - Improve Teacher Education in Mathematics**, č. EHP-CZ-ICP-2-018.