Miksike

Miksike MentalMath is a project for students to improve their <u>mental</u> <u>calculation</u> skill. The project consists of online <u>JavaScript</u>-based mental training and competing platform and competitions that are held on national and international levels. The project was developed by Kalev Põldsaar of <u>Estonia</u>.

The project is held in five

countries: Estonia, Latvia, Lithuania, Ukraine and Slovenia.

Students from each must register to website pointing their schools to be able to take a part in competitions.

The **age groups** are primary 1–3 grade(form), basic 4–6, boys 7–12, girls 7–12, boys 13 and over, girls 13 and over.

Training consists of various tasks: addition, subtraction, multiplication, division, mixed tasks, gap-filling and comparison. Almost every task has three parts: natural numbers, integers, ratios. More complex tasks are grouped into <u>triathlons</u> and <u>pentathlons</u>. The pentathlon consists of five tasks and 45 minutes are allowed to calculate them. Pentathlon is used at international championships.

At every task (addition, subtraction and so on) it is given 40 seconds every six levels at normal mode. Sprint mode covers 190 seconds for the student to answer five examples in a row correctly to level up. Higher levels are more difficult to solve, but they give many more points.

