## Science for the Youngest



Éva Andrea Kőteleki | ISZE - Association of IT Teachers | Budapest | Hungary

## The Name of the Game: CODE

## How I do IT in class?

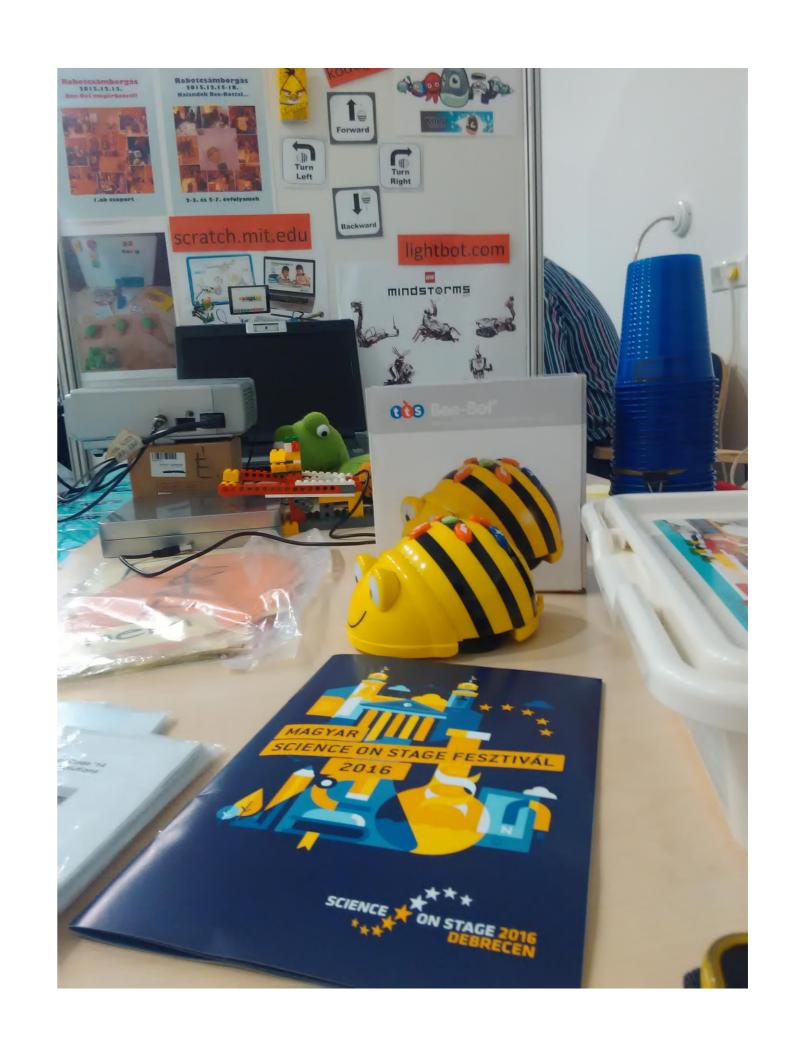
Coding is a complex task: with the knowledge of the **problem** itself students **plan** and **create** a robot and its programme in order to solve the task.

During the working process there are countless opportunities to apply cooperative **teamwork** not to mention the possibility of acquiring programming knowledge within a **playful** study environment.

My project is about coding for junior primary students.

The ultimate goal is to develop children's IT-skills especially algorithmic thinking.







**Coding is fun** with BeeBot, LightBot, KODU, Scratch, Minecraft, LEGO Mindstorms & micro:bit! The basis of the game is creative **competition**, which is strongly **motivating** for children.



Robotprogramming itself is the innovation that makes coding attractive for today's kids. In the meantime this form of studying allows them to put creativity and differentiation in focus.