

Unique knowledge base became available collected by our Full-Time Angel

IT and mobile technology is able to open the world for disabled children (speech, impairment), enabling communication, learning, and even work. In Hungary, it was Brigitta Miksztai-Réthey, our Full-Time Angel, who had first developed and collected the games and educational support materials necessary to learn the use of computers and mobile devices.

Brigitta Miksztai-Réthey, the Assistant Lecturer of the IT faculty of ELTE created the [website](#) containing more than a hundred educational games and educational supplemental materials within the program titled “Supplemental materials for the use of mobile devices by the severely disabled”. It is the objective of the programme launched with the participation of the [Bliss Foundation](#) and [Faculty of Information Technology of ELTE](#). It provides assistance to children and youths with severe movement and speech disabilities, in order to enable them to acquire the ability to communicate.

Over the course of the work that has been ongoing for a year, with contributions by the students of the Bliss Foundation, Brigitta has been working on freely available supplemental materials for practicing computer and mobile device use that will be easily customized for parents and teachers and incorporated in the teaching process. One of these tools is the [Mousense](#) (a head mouse, which can help to control a computer with head movements).

Some of the games and educational applications – thanks to the cooperation of the Faculty of Information Technology of ELTE and the Bliss Foundation – are proprietary developments. The other group includes the collection of internet-accessible, free-to-play online games that are suitable for educational purposes. Nevertheless, the most special group is probably the third one. During the past six years, within the framework of the so-called Mentormodell (Model Mentor) Programme, severely disabled - with regard to mobility and speech - young adult alumni had been trained to assist their fellow students who are still in school. With the aid of the demonstration videos, that are produced explicitly for mentors, the youths had first learned the use of various computer programmes ([MovieMaker](#), [Photo Story](#), [Audacity](#), etc.). Then the mentors produced educational supplemental materials to help younger children. Thanks to the Programme, the children are able to use colourful and enjoyable, truly motivational educational materials, and the young mentors can experience the joy of work, and for the first time in their lives they are able to perform a task for which they receive payment.

The special bundle of educational materials enables the approximately five thousand severely disabled, otherwise chronically ill, or those with special education needs, children and young people to learn the skills to use computers or mobile devices.

Even on an international level, the programme and the website have generated significant interest. Brigitta had received a request to participate at the Eastern and Central European Alternative and Augmentative Conference to be held in Chişinău the capital of Moldova this October, where she is going to represent the advantages of computers and mobile technology as tools of alternative and augmentative learning.