

## Slovakia

### **“Educational and training activities for teachers 2”**

One of the main goals of this project is to enhance the teacher's role in society by improving and broadening his/her professional, linguistic, social and personal competences. We all live in a digital era and teachers have to follow the progress. Teachers should be acquainted with all latest facts and technologies, especially those related to our project and its purposes. Taking all these facts into consideration, we enrolled in seminar lectured by teachers – IT professionals, who work in our school and we watched the webinar on the topic “Internet of Things” on YouTube. Through this activity, teachers took the chance to deepen their professional, social and personal development.

All project participants – teachers, management staff as well as students are expected to acquire new digital competences through the project activities.

Teachers are supposed to educate themselves and obtain all new information and knowledge about new trends. They should apply smart inventions and technologies to the school curriculum and follow the progress. Via taking part in this seminar and webinar, teachers



gained knowledge about new technology and were taught that “Internet of Things” (IoT) is the most important and essential technology of the 21st century. All people involved learned that the IoT creates a global network of devices that are capable of communicating and exchanging data with each other through the Internet. They realized that there is a difference between the IoT and the Internet. IoT can create information about the connected objects, analyse it and make decisions. In other words, one can tell that the IoT is smarter than the Internet. Security cameras, sensors, multimedia devices, buildings and software are examples of things

that can exchange data among each other. We decided to participate in this seminar and webinar, because in our school a new IT Science Lab was set up last year. Our colleagues – teachers of IT subjects presented this technology and its possibilities in a real science laboratory. We were amazed by these unforgettable moments, when we could discuss

knowledge gained from the webinar with our colleagues – professionals in the field of this technology.