

Summary of the Erasmus+ project Look further

The teacher mobility project Look further was financed by the Erasmus+ program and lasted from 01/09/2020 to 31/05/2022. The project team chose to attend the course Build Your App, Teach Your Students How To Build Their Apps!, which took place in Florence in May 2021. The course is designed for teachers who are interested in learning how to create web applications and pages using a visual programming tool, thereby increasing students' motivation to learn, stimulating creativity and entrepreneurship in students, and developing interests in schoolwork.

The project included three phases: preparation, mobility and dissemination. The preparatory phase of the project consisted of several activities. At the teachers' council, the collective was informed about the participation of our school in the Erasmus+ project. Teachers who will participate in mobility were selected at the school competition; Natasa Nikov, Dusica Pecelj, Ana Kronic, Marija Latinovic and Radisav Stevancevic. At the meetings, tasks were distributed and it was agreed to carry out language preparation, create a project logo, as well as to familiarize mobility participants with the Italian education system, the course and cultural preparations through presentations.

English language teacher Radisav Stevancevic was in charge of language preparation. The education system of Italy was presented by Natasa Nikov. The cultural preparation was carried out by the geography and history teachers, Dusica Pecelj and Marija Latinovic, and consisted of a geographical, cultural and historical presentation and the gastronomic offer of Florence and Italy. Ana Kronic and Dusica Pecelj introduced the mobility participants to the course we attended in Italy. The students of our school made a logo project in art classes. The work of Djordje Popov's student was chosen for the official logo of the project.

Teacher mobility took place in the period from May 24 to 28, 2021. The course Build Your App, Teach Your Students How To Build Their Apps was attended in the premises of the Euro Pass Teacher Academy in Florence! In this course, we learned to use the MIT App Inventor platform and to create applications for mobile phones using visual programming. As the training progressed, the requirements for building applications became more and more complex. Some of the applications we made in the course are: Calculator, Locator, Coloring Book, Golf... We used our free time to visit Florence and its sights: the Uffizi Gallery, the Academy Gallery, the Basilica of Santa Croce, famous squares, the Ponte Vecchio Bridge...

After the teacher's return from the mobility, the dissemination phase followed, which consisted of the presentation of the project and the course, conducted trainings, as well as the realization of distinguished classes, thematic planning, project teaching, participation in eTwinning projects, visits to museums and media presentations.

Through the presentation, Natasa Nikov introduced the teaching council of "Danilo Kis" Elementary School to the course we attended in Florence. During the 2021/2022 school year. Two eTwinning projects Digital New Year card and Check in at the museum were implemented. The Digital New Year card project from our school was joined by all mobility participants, who, together with their students, as well as participants from 19 partner schools from Poland, Turkey, Spain, Georgia, Latvia, the Netherlands and Romania, implemented the project during December

2021. In this project, students used ICT tools (MIT app, Canva, Slides, Micro:bit, Paint, Viber...) on electronic devices (tablet, mobile phone, laptop) and created digital New Year's greetings that they posted on the Padlet platform. On this platform, students voted for the most beautiful greeting card, which was then exchanged with their partners by email. Also, all photos and materials are shared on TwinSpace. Partner schools were presented to the students, and New Year's greetings were sent to their e-mails. The Check in at the museum project was realized through project teaching in geography and history. In addition to two teachers from our school, 8 other partner schools from Poland, Turkey, Spain, Georgia and Romania participated in this eTwinning project, which was carried out in April and May 2022. The project marked the International Day of Museums. The students of our school participating in the project used two MIT app applications - Pain pot (a drawing application with which they created digital cards) and the Message in bottle application (an application for determining the geographic coordinates of the museum that the students visited), they made presentations about the museums they visited (Memorial House of Stepa Stepanovic and Vuk's Museum in Trsic), as well as the cards they used to mark International Museum Day. Also, all photos and materials are shared on TwinSpace. The students were presented with partner schools, museums that were visited (their location, presentations, photos...), as well as cards that were made for the International Museum Day.

The thematic week of Health aimed to remind students of the basic rules of healthy food, the importance of physical activity and environmental protection. This thematic planning was carried out by teachers of technique and technology, informatics, physical and health education, biology and fine arts. A prestigious class was held where students created a Pedometer application on the MIT App Inventor platform. The testing of the Pedometer application in a physical education class was accompanied by the Euronews TV team. An exhibition of student art works and panels was organized in the school hall. In the biology classes, healthy nutrition and environmental protection were discussed with the students.

A number of respectable lessons were realized in which correlation with other subjects was realized. A distinguished lesson in geography, physics and mathematics was held within the international project Eratosthenes Experiment and the application Message in a bottle was used to determine geographical coordinates. On the eve of the New Year and Christmas holidays, and as part of the Digital New Year card eTwinning project, a respectable class was held where students used the application to make New Year's cards. As part of the thematic week of Health, the students in the respected informatics class created a Pedometer application, which was then tested in the physical education class. In a well-respected English language and technical and technology class, students created a Locator application. The app for multiplying and dividing fractions was used in a prestigious math class. In English class, students used a translation application.

The two-day training of teachers from our school took place in October 2021 through Google Meet. The leader of the training was Radisav Stevancevic, and he trained interested colleagues how to create applications, how to use the MIT App Inventor program, and how to transfer applications to a phone. In December 2021, Team members provided training to teachers from five Belgrade schools. The training was attended by colleagues who want to improve their digital competences. In addition to working on the MIT App Inventor platform and creating applications, the participants of the training were presented with the project Look Further and were introduced to the way of implementing projects financed by the Erasmus+ program.

The school website is regularly updated with activities, and video materials are posted on the school's YouTube channel. Articles about this project were published in two editions of the school magazine. Towards the end of the project, we were visited by the Euronews television team, which made a report on the Erasmus+ project Look Further and the use of applications in classes.

In the modern world, ICT skills are beginning to be considered elementary literacy and are important in children's education. Through this project, teachers and students perfected their digital competences, and the application of applications in teaching led to the modernization of the teaching process and improvement of the quality of teaching.