



# Project “Learning from the Extremes”

## Secondary school Vasil Levski, Ardino



### Summary

Through the implementation of the project, funded by LFE, 2 classrooms are equipped for students who are trained according to the educational model 1:1 and 32 devices have been provided to the travelling pupils from the surrounding villages.

The objectives set out in the project are realised as:

- each student has a personal notebook and permanent internet access;
- students learn, work and communicate in groups, both inside and outside the classroom;
- students create products that use their knowledge and skills from different subjects;
- students are in a secure environment, both physically and online.

### Description

As a result of the implementation of the project activities, teachers can work with all pupils on a level playing field. Interactive displays support the educational process by enabling constant feedback, updating the learning process and increasing educational outcomes. Students are placed in an active position, and the teacher is just a mentor who guides them where and how to properly search, research, create and present learning content.

Through the implementation of the purchased digital resources funded by LFE to change the educational environment, the design of the learning process, the meaningful use of information technology in the creation of educational content by students and teachers, there is an increase in motivation for work and learning, improvement of the organisation of the educational process and the design of the learning process.

The project “Learning from Extremes” purchased 32 learning devices (Chromebook) intended for students from nearby settlements who do not live in the city but are trained at Vasil Levski Secondary School, Ardino and travel daily, 2 interactive displays for 2 classrooms and 2 flash memory. The purchased screens are placed in two study rooms, where teachers and students could share learning content in front of the entire class on different subjects. Travelling students from nearby settlements are provided with laptops (Chromebook) so they can prepare their lessons from home by working in teams with other students from a distance.

Number of students, participating in LFE activities – 113

Number of teachers involved in LFE activities – 28

### Feel

Through the implementation of the purchased digital resources, funded by LFE to change the educational environment, the design of the learning process and the meaningful use of information technology in the creation of educational content by students and teachers, there is an increase in the motivation for work and learning, improvement of the organisation of the educational process and the design of the learning process.

### Imagine

When implementing the project with the purchased digital resources, funded by LFE:

- students become designers of the learning resources and become creators of the learning content;
- by changing the educational environment, the design of the learning process and the meaningful use of digital technologies, the motivation for learning is increased;
- students’ success increases as the 1:1 model focuses on a competence-based education.

The model makes it possible to use in parallel different forms of learning and the wide uptake of virtual learning.

### Create

#### • Open practices:

1. Open lesson on chemistry and environmental protection on “Calcium oxide and calcium dihydroxide” in class IXa;
2. Open Lesson in Bulgarian Language and Literature on “Hristo Smirnenski – A Fairytale of the Ladder” in class XIa;
3. An open lesson in connection with the national initiative “150 Lessons for Vasil Levski”.
4. Open Days
5. Day of Self-Governance

#### • Binary Lessons:

A binary lesson in mathematics and physics, dedicated to the number of Pi and Einstein with a competitive character, where students, divided into teams, present the acquired knowledge and skills by presenting their products and solving logical problems.

### Share

#### • Shared good practices with other NP “Innovation in Action” schools:

1. Interdisciplinary lesson on “Healthy nutrition” (Bulgarian language and literature, biology and health education, physics and astronomy, chemistry and environmental protection, mathematics, English and physical education and sports), prepared and presented by students from 9th grade before 44. Secondary school “Neofit Bozveli”, Sofia, Nikola Voyvodov Secondary School, Vratsa and 42 Primary School “Hadzhi Dimitar”, Sofia.
2. Interdisciplinary lesson on “Communications” (Bulgarian language and literature, mathematics, English, philosophy, information technology and fine arts) prepared and presented by students from grade VIII before 44. Secondary School “Neofit Bozveli”, Sofia, Nikola Voyvodov Secondary School, Vratsa and 42 Primary School “Hadzhi Dimitar”, Sofia

### Link to the portal

<https://www.schoolofthefuture.eu/en/school/sredno-uchilishe-vasil-levski-vasil-levski-secondary-school-ardino>