

# Biotechnical Educational Centre Ljubljana

## Digital Pedagogy Strategy 2025

We developed our strategy in line with the main objectives of the school, taking into account the results of the SELFIE institutional self-assessment, given interview by teachers, students and head teachers.

### Vision

In our school, educators, equipped with modern, student-centred pedagogical methods, use a wide range of digital tools to prepare our students for successful participation in the labour market, both professionally and also in terms of key competencies.

We wish to unify and standardize implementation of a few basic digital tools for educational purposes. There should be one clear system for communicating with students. Furthermore, we will support the teachers in using a variety of different methods and digital tools for pedagogical purposes of their own choosing.

### Strategic goals

- Providing high quality, student-centered education.
- Developing students' digital skills in line with labor market needs.
- Continuous training and development of our teachers.
- Unification and standardized implementation of 2-4 basic digital tools for educational purposes (eAsistent, Google Workspace, Microsoft Teams, Moodle).
- Further ICT/digital education on online tools should be individualized as much as possible for teachers as well as for the students because of their different levels of pre-knowledge, different needs (e.g. one teacher might need totally different demonstrations and explanations on online tools than some other teacher because of different set of pre-skills and needs).
- ARNES internet student identities should be kept in the following year as well.
- Technical administrator's mail support should be kept active (always accessible to all students who have technical issues that they cannot resolve by themselves).

### Innovative aspects

- We introduce ICT representatives in each class (students responsible for communicating all possible technical issues regarding online education to school's technical administrators).
- We introduce the role of digital mentor (teachers that feel more competent in ICT and on their own initiative look to improve their knowledge and competences).

## Priority development areas

1. Regular use of the MS Teams online learning environment by all teachers and further exploitation of the opportunities provided by the platform.
2. Strengthen the fund-raising activities of the school, seek and involve external relations and resources for the rapid and efficient improvement of the infrastructure.
3. Further development of vocational training materials using new teaching-learning methods (keeping in mind the goal of motivating students and adequacy of methods for different school subjects).
4. Continuous development of teachers' methodological and digital skills.

Our strategy focuses on the following SELFIE areas:

Leadership
Collaboration and networking
Infrastructure and equipment
Continuing Professional Development
Pedagogy: Supports and Resources
Pedagogy: Implementation in the classroom
Assessment practices
Student Digital Competence

From our educational practice developed under COVID-19 We wish to preserve the following:

- Teachers' conferences and meetings can be kept (or at least partially) online; also, parents council meetings and office hours, if needed.
- Online forms of student examination (e.g. in a computer classroom, quizzes in e-classroom).
- Online forms of learning materials (e.g. the teachers upload the material on MS Teams so that the students have easier access; students help develop different learning materials so that we support different learning styles).
- If BIC implements a combined form of study (classical + online), then lectures/explanations should be recorded and constantly accessible online to students; also, an online course should be scheduled only at one specific day during a week (block hours), and there should not be a combination of online and live programme on the same day (the whole day online, or the whole day live in school).

## Review

The digital pedagogical strategy is reviewed annually together with the closely related action plan (interventions, indicators).

Planned date of next review: 2023

## Communication

Internal and external communication plan for the strategy:

Will be discussed on teacher conference.

Will be published on the school website. Responsible: Boštjan Ozimek

## Approval

MSC Jasna Kržin Stepišnik, Director of BIC

29. 6. 2022