**SURVEY ON PROBLEMS AND POSSIBLE SOLUTIONS IN ONLINE EDUCATION**

The following survey aims to identify the challenges faced by upper secondary education teachers in online teaching, as well as to identify what would be the resources or tools that would improve teaching in virtual environments.

We ask you to honestly answer the following questions. Your answers are anonymous and will be used to develop a strategy to support online teacher training. The findings that come from your response and that of others will be shared with the participants, as well as with the allies and collaborators.

GENDER AND AGE

Men

From 20 to 30 From 31 to 40 From 41 to 50 From 51 to 60 More than 60

Women

From 20 to 30 From 31 to 40 From 41 to 50 From 51 to 60 More than 60

Other

From 20 to 30 From 31 to 40 From 41 to 50 From 51 to 60 More than 60

GEOGRAPHIC REGION

SPECIALTY OF THE CAMPUS

1. Have you received training in any of the following areas, to carry out your online teaching?
   1. How to manage students in virtual or remote environments
   2. How to teach distance or virtual courses in an attractive way
   3. How to support students without access to the internet or computer equipment
   4. I did not receive training
2. When did you start teaching online or remotely?
3. Less than a year
4. From March 2020
5. More than 20 months
6. More than 36 months
7. Does your institution provide you with any digital resources to teach your classes?

(You can select more than one option)

* 1. Pedagogical material (PDF, EBook, Manuals, Guides)
  2. Online teaching platform (Classroom, Microsoft Teams)
  3. Video conferencing systems (Zoom, Google Meet, Teams, Webex)
  4. Educational software (tutoring programs, plagiarism search programs, programs for class evaluation)
  5. They do not provide me with any digital resources
  6. Other

1. What digital resources do you use for your online classes?

(You can select more than one option)

1. Educational platforms: (Blackboard, Moodle, NEO LMS, Google Classroom, Microsoft Teams, Edmodo)
2. Videoconferencing systems (Zoom, Google Meet, Tems, Webex)
3. Social networks (WhatsApp, YouTube, Facebook, Twitter)
4. Applications to teach online classes and evaluate in real time (Quizzi, Kahoot, Bloket, Nearpod, Mentimeter)
5. Information storage systems (Mail, Dropbox, Drive)
6. Apps to create teaching material and activities (Genially, Canva)
7. Which of the following problems, regarding the use of digital resources, have you faced while teaching online classes?

(Choose the three options that are most important to you)

* 1. Access to a desktop computer with video camera and microphone
  2. Access to a laptop with video camera and microphone
  3. Access to a smartphone with video camera and microphone
  4. Poor connectivity (internet connection)
  5. Limited knowledge of the variety of existing digital resources applicable to my subject
  6. Lack of ability to use digital resources (I need more practice)

1. Which of the following pedagogical problems have you faced while teaching online classes?

(Choose the three options that are most important to you)

* 1. Exposing and explaining the topics of the course
  2. Reviewing and providing feedback of learning activities
  3. Monitoring the progress of each student
  4. Limited student participation in online classes (synchronous)
  5. Lag/irregular delivery of activities by the student body
  6. Maintaining regular communication with students
  7. Applying the program and academic activities as planned
  8. Staying organized and managing time
  9. Offering visually unappealing content

1. What did you find positive about online learning?

(You can select more than one option)

1. Schedule flexibility
2. The possibility of offering the classes from any space with an internet connection
3. The ability to personalize the learning experience
4. Innovation
5. Giving students autonomy and the opportunity to set their schedule
6. Other
7. Which of the following phrases best describes what you think of online education:
   1. It was only an option during the pandemic
   2. It is here to stay, and we must continue learning
   3. I consider it the best option, but it will take a while until we can achieve good results
   4. It can be a complement for face-to-face classes
8. How do you currently teach classes?
   1. With the content integrated in some digital resource (educational platform)
   2. With videoconference sessions and presentation of material
   3. In person
   4. In a hybrid way (Online classes and face-to-face classes)
   5. Other \_\_\_\_\_\_\_\_\_
9. What digital resources would you feel more comfortable to teach your classes online?
   1. With the content integrated in some digital resource (educational platform)
   2. With videoconference sessions and presentation of material
   3. Incorporating digital resources into my face-to-face classes
   4. Other \_\_\_\_\_\_\_\_\_
10. If you had a platform where you could host the content and develop the activities of your course, what features would be most important for you?

(Choose the three options that are most important)

* 1. Ease of enrollment for students
  2. Possibility of displaying content in a more playful way and with a visually friendly design
  3. Having control in the reception and qualification of activities
  4. Offering direct communication with students
  5. Attendance monitoring and tracking the time that the students dedicate to the study of the contents
  6. Possibility of customizing content and activities
  7. Accessibility for those with limited technology and internet access
  8. Tools for evaluating student work
  9. Link with other digital resources
  10. Other \_\_\_\_\_\_\_\_\_