

# **The Flexibility of the Flipped Classroom for the Design of Mediated and Self-regulated Learning Scenarios**

Noguera, I., Robalino, P. & Ahmedi, S. (2023)

Research instruments to gather students' views about the flipped classroom

## **English version 1**

Please, answer according to your level of agreement on a scale of 1 – strongly disagree to 5 – strongly agree

1. The format of the resources is varied.
2. Adequate time should be given to consult the resources before the synchronous sessions.
3. The resources are relevant for the synchronous sessions.
4. The resources can be consulted repeatedly to improve understanding.
5. The activities carried out during the face-to-face sessions allow for a better understanding of the key concepts.
6. There is a change in the role of the teacher.
7. There is a change in the role of the student.
8. The technologies have been effectively integrated into teaching.
9. The technologies have been used to collaborate with other students.
10. I have time to raise doubts and concerns.
11. I am able to reflect on and organize my ideas for evidence and work.
12. I can advance in the development of the evidence and work.
13. I can guide my own learning.
14. I have been less dependent on the teacher.
15. I need to make less effort to understand the basic knowledge of the subject.
16. I develop critical thinking skills and creativity.
17. I work effectively in work groups and pairs.
18. I feel that I have opportunities to express my arguments in the discussions.
19. I have the opportunity to interact with the teacher.
20. I have more opportunities to communicate with other students.
21. The teacher can review my progress and guide me.
22. I have been able to raise more questions during synchronous classes.
23. The synchronous classes improve my attitude towards learning.
24. I perceive the usefulness of what I am learning for my professional future.

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25. The learning process has been interesting.
26. The learning process has been enjoyable.
27. I have had the opportunity to apply theory in simulated practical scenarios.
28. I understood the concepts and procedures that we worked on.
29. The learning I acquired was proportional to my effort.
30. I developed my professional competence.
31. I have improved my performance.
32. I am better prepared to carry out activities and assignments after consulting the resources.
33. I am better prepared for the test.
34. I have accessed the theoretical content when I needed it.
35. I have consulted the guidelines for the activities when I had doubts.
36. The training process has been intellectually stimulating.
37. The design of the subject is pedagogically innovative.
38. I have been able to participate in constructing my own learning.
39. The learning carried out has been of high quality.
40. I had to do more work outside of class.
41. The technologies have facilitated my learning.

Other information

- a. When did you consult the resources most frequently?
- b. Do you believe the teacher has demonstrated mastery of the subject matter?
- c. Age
- d. Gender
- e. Is there any additional feedback or comments you would like to provide?

**English version 2**

- a. Name
- b. Last Name

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c. Gender

d. Age

e. Previous training

f. When you study for an exam or do a class work, your objective is:

About the design (Rated from 1 – strongly disagree to 5 – strongly agree):

1. It has allowed me to manage my study time more efficiently.
2. It has provided me with more time for practice.
3. It has caused me an overload of dedication time.
4. I have found it motivating.
5. It has sparked my interest in the subject.
6. It has required more effort.
7. It has provided me with personalized learning opportunities.
8. It has motivated me to attend class regularly.
9. It has enabled me to apply the knowledge I have gained.
10. It has been a satisfying learning experience.
11. It has been adapted to meet my needs.
12. It has been tailored to my interests.
13. It has been adapted to meet the training needs arising from the pandemic (for example, in the case of a positive for COVID).
14. It has allowed me to better prepare for the class.
15. It has enabled me to prepare more effectively before class.
16. It has given me greater autonomy in my learning.
17. It has allowed me to receive formative feedback that has helped me learn from mistakes and successes.
18. I have been better prepared for exams and other evaluation activities.
19. I have developed the ability to self-regulate.
20. It has favoured the development of knowledge and skills that are transferable to the professional context.
21. It has encouraged more interaction between classmates.
22. It has encouraged greater interaction with the teaching staff.

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23. It has created -a better classroom climate.
24. Resources have been provided in various formats.
25. Various learning activities, such as case studies, projects, readings, and discussions have been proposed.
26. Additional resources for in-depth study have been proposed.
27. Additional supplementary activities have been proposed.
28. There has been intensive use of digital technologies such as virtual campuses and survey tools.
29. Are you satisfied with the methodology? If yes, why? If no, why not?
30. Would you like to enrol in a subject that follows this methodology again?
31. Any additional observations or comments you would like to add?