

XXX Project

This questionnaire aims to explore the perceptions, attitudes and level of acceptance of teachers and educators in the Integrated System 0-6 Educational Services regarding the use of a social robot in intercultural education.

Your opinions and contributions are essential to better understand the opportunities and challenges associated with integrating this technology into educational practice. The information collected will be used exclusively for research purposes and treated anonymously, in full compliance with personal data protection regulations.

At this stage of the project, the questionnaire will be used as **a pre-test**, which will allow us to better understand the starting point in terms of perceptions and attitudes towards the use of social robots and intercultural issues.

At the end of the project, the questionnaire will be administered again as **a post-test** to observe any changes in opinions and attitudes, thus providing a comprehensive view of the impact of the activities carried out.

Your participation is essential to the success of this research: your answers will help develop more effective educational strategies and deepen our understanding of the use of innovative technologies in intercultural educational contexts.

The questionnaire takes about 10 minutes to complete. We ask that you answer honestly, based on your experience and beliefs. Your answers are immensely valuable to us.

Thank you very much for your contribution!

How much do you agree with the following statements? Please indicate a number from 1 to 5 (**1. Strongly disagree, 2. Disagree, 3. Neither agree nor disagree, 4. Agree, 5. Strongly agree**).

If you do not know how to respond to a statement, tick box number 3 (neither agree nor disagree).

* Indicates a mandatory question

1. I would feel uneasy if robots really had emotions.*

1	2	3	4	5
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

2. Something bad might happen if robots developed into human beings.*

1	2	3	4	5
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

3. I would feel relaxed talking to robots.*

1	2	3	4	5
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

4. I would feel uneasy if I was given a job where I had to use robots.*

1	2	3	4	5
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

5. If robots had emotions I would be able to make friends with them.*

1	2	3	4	5
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

6. I feel comforted by being with robots that have emotions.*

1	2	3	4	5
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

7. The word "robot" means nothing to me.*

1	2	3	4	5
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

8. I would feel nervous operating a robot in front of other people. *

1	2	3	4	5
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

9. I would hate the idea that robots or artificial intelligences were making judgments about things. *

1	2	3	4	5
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

10. I would feel very nervous just standing in front of a robot. *

1	2	3	4	5
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

11. I feel that if I depend on robots too much, something bad might happen. *

1	2	3	4	5
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

12. I would feel paranoid talking to a robot. *

1	2	3	4	5
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

13. I am concerned that robots would have a bad influence on children. *

1	2	3	4	5
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

14. I feel that in the future society will be dominated by robots. *

1	2	3	4	5
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

1. If I should use the robot, I would be afraid to make mistakes with it*

1	2	3	4	5
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

2. If I should use the robot, I would be afraid to break something*

1	2	3	4	5
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

3. I find the robot scary*

1	2	3	4	5
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

4. I find the robot intimidating*

1	2	3	4	5
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

5. I think it's a good idea to use the robot*

1	2	3	4	5
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

6. The robot would make life more interesting*

1	2	3	4	5
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

7. It's good to make use of the robot*

1	2	3	4	5
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

8. I have everything I need to use the robot*

1	2	3	4	5
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

9. I know enough of the robot to make good use of it*

1	2	3	4	5
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

10. I think I'll use the robot during the next few days*

1	2	3	4	5
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

11. I'm certain to use the robot during the next few days*

1	2	3	4	5
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

12. I plan to use the robot during the next few days*

1	2	3	4	5
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

13. I think the robot can be adaptive to what I need*

1	2	3	4	5
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

14. I think the robot will only do what I need at that particular moment*

1	2	3	4	5
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

15. I think the robot will help me when I consider it to be necessary*

1	2	3	4	5
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

16. I enjoy the robot talking to me*

1	2	3	4	5
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

17. I enjoy doing things with the robot*

1	2	3	4	5
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

18. I find the robot enjoyable*

1	2	3	4	5
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

19. I find the robot fascinating*

1	2	3	4	5
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

20. I find the robot boring*

1	2	3	4	5
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

21. I think I will know quickly how to use the robot*

1	2	3	4	5
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

22. I find the robot easy to use*

1	2	3	4	5
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

23. I think I can use the robot without any help*

1	2	3	4	5
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

24. I think I can use the robot when there is someone around to help me*

1	2	3	4	5
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

25. I think I can use the robot when I have a good manuality*

1	2	3	4	5
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

26. I consider the robot a pleasant conversational partner*

1	2	3	4	5
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

27. I find the robot pleasant to interact with*

1	2	3	4	5
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

28. I feel the robot understands me*

1	2	3	4	5
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

29. I think the robot is nice*

1	2	3	4	5
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

30. I think the robot is useful to me*

1	2	3	4	5
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

31. It would be convenient for me to have the robot*

1	2	3	4	5
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

32. I think the robot can help me with many things*

1	2	3	4	5
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

33. I think the staff would like me using the robot*

1	2	3	4	5
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

34. I think it would give a good impression if I should use the robot*

1	2	3	4	5
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

35. When interacting with the robot I felt like I'm talking to a real person*

1	2	3	4	5
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

36. It sometimes felt as if the robot was really looking at me*

1	2	3	4	5
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

37. I can imagine the robot to be a living creature*

1	2	3	4	5
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

38. I often think the robot is not a real person*

1	2	3	4	5
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

39. Sometimes the robot seems to have real feelings*

1	2	3	4	5
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

40. I would trust the robot if it gave me advice*

1	2	3	4	5
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

41. I would follow the advice the robot gives me*

1	2	3	4	5
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

In this section, you will find two closed-ended questions, followed by statements on which we ask you to express your level of agreement or disagreement by choosing a number from 1 (Strongly disagree) to 5 (Strongly agree). If you do not know how to answer a question, please tick box number 3 (Neither agree nor disagree). It concludes with two open-ended questions, where you can freely share your point of view.

Have you had any experience working with children or families from different cultural backgrounds?*

Yes No
☐ ☐

Have you attended training courses on intercultural issues? *

Yes No
☐ ☐

1. When I meet people from different cultures, I often feel that they are very similar to me*

1 2 3 4 5
☐ ☐ ☐ ☐ ☐

2. I don't see much difference in the behaviour of people who come from cultures different from my own*

1 2 3 4 5
☐ ☐ ☐ ☐ ☐

3. I don't worry much about cultural differences when interacting with others*

1 2 3 4 5
☐ ☐ ☐ ☐ ☐

4. I do not believe that cultural differences have a significant impact on educational work*

1 2 3 4 5
☐ ☐ ☐ ☐ ☐

5. My priority is to treat all children equally, regardless of their culture*

1 2 3 4 5
☐ ☐ ☐ ☐ ☐

6. I believe that people from other cultures should adapt to my customs and traditions in order to improve their integration*

1 2 3 4 5
☐ ☐ ☐ ☐ ☐

7. When I find myself in intercultural situations, I feel that my culture is superior than others*

1	2	3	4	5
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

8. Sometimes I find it difficult to understand people from cultures different from my own*

1	2	3	4	5
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

9. Cultural differences can create problems that complicate educational work. *

1	2	3	4	5
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

10. I often notice that people from other cultures do not understand the values of our education system*

1	2	3	4	5
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

11. I think that, in the end, all people are similar and should be treated the same, regardless of culture*

1	2	3	4	5
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

12. People from different cultures and I have many more similarities than differences*

1	2	3	4	5
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

13. I believe that everyone, regardless of culture, has the same needs and desires*

1	2	3	4	5
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

14. Regardless of culture, children's needs are essentially the same *

1	2	3	4	5
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

15. It is not necessary to adapt my educational practices to cultural differences. because universal values are sufficient*
- | | | | | |
|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| 1 | 2 | 3 | 4 | 5 |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
16. I actively seek to understand how and why people from different cultures behave differently than I do*
- | | | | | |
|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| 1 | 2 | 3 | 4 | 5 |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
17. I feel comfortable accepting the behaviours and values of people from different cultures*
- | | | | | |
|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| 1 | 2 | 3 | 4 | 5 |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
18. When I meet people from different cultures, I am able to understand their values and points of view*
- | | | | | |
|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| 1 | 2 | 3 | 4 | 5 |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
19. I believe it is important to know and understand cultural traditions of the families I work with*
- | | | | | |
|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| 1 | 2 | 3 | 4 | 5 |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
20. I understand that cultural differences can influence the behaviour of children and parents*
- | | | | | |
|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| 1 | 2 | 3 | 4 | 5 |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
21. When interacting with other people, I am able to take into account their cultural differences, adopting appropriate behaviours and communication methods*
- | | | | | |
|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| 1 | 2 | 3 | 4 | 5 |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
22. When interacting with people from different cultures, I actively try to modify my behaviour to adapt to their culture*
- | | | | | |
|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| 1 | 2 | 3 | 4 | 5 |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

23. I adapt my teaching practices to meet cultural needs specific to each child*

1	2	3	4	5
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

24. I am committed to communicating in such a way that families from feel understood and respected*

1	2	3	4	5
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

25. My identity is dynamic and enriched by the contributions of the people who I meet in my life*

1	2	3	4	5
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

26. My personal identity naturally includes aspects of cultures different from mine*

1	2	3	4	5
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

27. When I work or interact with people from different cultures, I feel part of a common culture*

1	2	3	4	5
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

28. I feel part of an intercultural community where I can integrate different points of view and traditions*

1	2	3	4	5
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

29. I feel comfortable switching between cultural perspectives in my daily work*

1	2	3	4	5
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

30. I integrate elements from different cultures into educational activities to promote inclusiveness*

1	2	3	4	5
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

1. In your educational work, has the presence of children and families from different cultural backgrounds introduced elements of complexity? What educational strategies and skills do you think are necessary to promote intercultural inclusion, or have you already implemented?
2. What aspects do you think are important to consider when developing a robot with intercultural skills?
3. Indicate your age *

4. Indicate your gender *

☐ Female
☐ Male
☐ Non-binary
☐ I prefer to not say
5. Indicate which language(s) you speak *

6. Indicate your level of education *

☐ Advanced diploma
☐ Bachelor degree
☐ Master degree
☐ Dottorate
☐ Others _____
7. Indicate the number of years of experience as a teacher *

8. Indicate the name of the school where you teach *

9. Indicate your level of personal competence in the use of digital technologies (computers, tablets, smartphones, etc.) *
- ☐ Expert
 - ☐ Advanced
 - ☐ Intermediate
 - ☐ Basic
 - ☐ None
10. Do you use digital technologies in the classroom? *
- ☐ Always
 - ☐ Often
 - ☐ Sometimes
 - ☐ Rarely
 - ☐ Never
11. How important do you consider digital skills to be in terms of objectives? *
- ☐ Very High
 - ☐ High
 - ☐ Medium
 - ☐ Sufficient
 - ☐ None
12. Have you ever done coding activities in class? *
- ☐ Yes
 - ☐ No
13. Have you ever interacted with a social robot? *
- ☐ Yes
 - ☐ No
14. How familiar are you with social robots? *
- ☐ Very high
 - ☐ High
 - ☐ Moderate
 - ☐ Sufficient
 - ☐ None

