

SAR Posttest: Teacher Perception of Social Robots in the Classroom

Date _____

ID _____

Please answer the following questions. There are no right or wrong answers, so please answer to the best of your ability. If you need more space to answer any questions, please feel free to write on a separate piece of paper. Just indicate the question number for your response, and return both this questionnaire and your answers to the researchers.

1. How did you feel about having a social robot in your classroom?

Not excited at all 1 2 3 4 5 *Very excited*

Not worried at all 1 2 3 4 5 *Very Worried*

Not afraid at all 1 2 3 4 5 *Very Afraid*

Other: _____

2. Did you think having a social robot in your classroom was

Not beneficial at all 1 2 3 4 5 *Very beneficial*

Not disruptive at all 1 2 3 4 5 *Highly disruptive*

3. I feel robots are an unnecessary in classrooms.

Strongly Disagree 1 2 3 4 5 *Strongly agree*

4. How do you think the children in your class felt about having a social robot in their classroom?

Not excited at all 1 2 3 4 5 *Very excited*

Not worried at all 1 2 3 4 5 *Very Worried*

Not afraid at all 1 2 3 4 5 *Very Afraid*

Other: _____

5. What thoughts, if any, do you have about children's social interactions with the robot, their emotional reactions to the robot, or their emotional attachment to the robot?

6. How do you think putting a social robot in your classroom impacted the learning environment?

7. I think the social robot helped children learn.
Strongly Disagree 1 2 3 4 5 *Strongly agree*
8. In general, I think a social robot can help children learn.
Strongly Disagree 1 2 3 4 5 *Strongly agree*
9. In general, I think a social robot will hinder independent learning.
Strongly Disagree 1 2 3 4 5 *Strongly agree*
10. In general, I think a social robot can support independent learning.
Strongly Disagree 1 2 3 4 5 *Strongly agree*
11. I would be open to having a robot in my classroom again.
Strongly Disagree 1 2 3 4 5 *Strongly agree*
12. I would like to have a robot permanently in my classroom.
Strongly Disagree 1 2 3 4 5 *Strongly agree*
13. We did this activity with the robot only during choice time. Do you think children would benefit from playing with a robot during other times or during other activities?
14. How hard or easy do you think it would be to operate this robot?
Very easy 1 2 3 4 5 *Extremely hard*
15. What do you think children gained from having a social robot in your classroom, if anything?
16. What did you gain from having a social robot in your classroom, if anything?
17. What do you think are benefits of having a social robot in the classroom more generally?
 A) How might children gain from this kind of activity in general?
 B) How might teachers gain from this kind of activity in general?

18. What do you think the risks or problems were with having a social robot in your classroom, if any?
19. What do you think are risks or problems with having a social robot in the classroom more generally?
20. How did the social robot help or hinder your work or other teachers work?
21. How do you think we could change the robot, the activity children did with the robot, or the interaction children had with the robot to be more beneficial for children, if at all?
22. What other kinds of activities would you want a social robot to be able to do in the classroom, if any?
23. What roles do you see robots taking in education, if any?
24. How do you think robots impact independent learning? Why?
25. If social robots were commonly used in classrooms, what do you think would be a good student-to-robot ratio?
- A) One robot per child: Children should work with the robot individually
 - B) One robot per two children: Children should work with the robot in pairs
 - C) One robot per 3-5 children: Children should work with the robot in small groups
 - D) One robot per classroom: The whole class should work with the robot at once
 - E) Other: _____

26. If social robots were commonly used in classrooms, how much of a teacher's supervision would they need?

Not much supervision 1 2 3 4 5 *Extensive supervision*

27. If social robots were commonly used in classrooms, what should the robot do to assess each child's progress, monitor children, and/or report back to teachers?

28. How much access should teachers have to what the robot monitors and knows about each child?

Should have no access 1 2 3 4 5 *Should have full access*

29. How much access should children have to what the robot monitors and knows about them?

Should have no access 1 2 3 4 5 *Should have full access*

30. How much should children know about what access their teachers have to the robot's knowledge?

Should not know 1 2 3 4 5 *Should know everything*

31. Do you have any other comments, thoughts, or suggestions about social robots or our study that you would like to share?