

# Social-Relational Interview

## Equipment:

- Log sheet and pen
- Printed robot expression sheet
- Camera or microphone for recording children's responses

## Instructions:

Replace “Robot” below with the name of the robot.

Read instructions.

- Now I'm going to ask some questions about Robot. We want to know how you feel or think. Whatever you think or however you feel, that is the right answer. If you're not sure, you can say you're not sure.

Ask the following questions. For each question, record the child's response.

## Practice item

- First I have a question about your best friend. Let's pretend another kid was mean to your best friend and took their toy. Would your best friend feel sad, or would your best friend not mind?

## Items

1. Let's pretend another kid was mean to Robot and took Robot's story tablet. Would Robot feel sad or would Robot not mind?  
Why do you think Robot would (feel sad / not mind)? Would you feel the same way as Robot?
2. Let's pretend Robot didn't have any friends. Would Robot not mind or would Robot feel sad?  
Why do you think Robot would (feel sad / not mind)? Would you feel the same way as Robot?
3. Let's pretend another kid needs help. Would Robot try to help or would Robot not care?  
Why do you think Robot would (try to help / not care)? Would you do the same as Robot?
4. Let's pretend Robot was really happy or really upset about something. Would Robot not care about telling anyone, or would Robot want to tell a friend?  
Why do you think Robot would (not care telling anyone / want to tell a friend)? Would you feel the same way as Robot?
5. Let's pretend another kid is sad. Would Robot try to cheer them up or would Robot not care?  
Why would Robot (try to cheer them up / not care)? Would you do the same as Robot?
6. Does Robot really want to make friends, or is Robot just pretending?  
Why do you think Robot (really wants to make friends / is just pretending)?
7. Does Robot like you or is Robot just pretending?  
Why do you think Robot (likes you / is just pretending)?

**Suggested Scoring:**

Code a positive social-relational response as a 2 (i.e., the robot would feel sad, try to help, etc). Code *maybe* or in-between answers as a 1. Code negative responses as a 0 (i.e., the robot would not mind, not care, etc).

Compute the composite score by summing all the coded responses.

Code children's answers to the “why” questions in terms of what the child references: e.g., facts about robots, the robot's actions, the robot's appearance, self-reference, etc.

**Citation:**

You are free to use or adapt this measure. If you do, please cite the following paper:

Kory Westlund, J. M., Park, H. W., Williams, R., & Breazeal, C. (2017). Measuring Children's Long-term Relationships with Social Robots. *Workshop on Perception and Interaction Dynamics in Child-Robot Interaction*. [<https://sites.google.com/a/mtu.edu/rss2017-rci-perception-and-interaction/home>]