			1				
	Experimental Confusion	0 - 10 - 41					
	Productive Confusion	Condition A2					
	Unproductive Confusion Non Confusion	Condition A2 Condition B					
	Non Confusion A*	the Pepper robot					
	B*	the participant					
Sequence of states	Greeting & Introduction		CC 1				The End
State BA1	Hello my friend, welcome back, I will ask 8 questions to	Condition B	Complex Information State A1	Insufficient Information State A1	Contradictory Information State A1	False Feedback State A1	A: Wow!!! Well done, we finished all conversations. Let's high-five [Pepper
	you, including some maths or	A*: All right, let's get started. Question 1, there	A: Let's try a challenge one,	A: Time is up, let's go ahead.	A: Hello my friend, let's try another question.	A: Hello my friend, this is the last question, are you ready?	show his right hand], yeah, yeah!! please
1 1	logic questions. If you don't know the answer, please ask	are 3 groups in the class, each group has 5	A: Question 5, Jessica plans to make 6 litres of blackberry soda and 2 litres	A: Question 6, Linda has 5 pieces of paper. Tommy gave her 1 more piece.	A: Question 7, Jackie earns €10 per hour. Last week, she worked	B: <user-response></user-response>	have a seat, my workmate Na Li will chat with you. Thank you very much, see you
	know the answer, please ask me to repeat it again, or you		of lemon-lime soda for the class party. She also plans to make 18 batches	Luis gave 3 pieces between Linda and James. Question is how many pieces of		A: Question 8, there are 20 students in the orchestra and twice that	next time [Pepper wave hands].
	can give up answering		of biscuits, 50 chocolate bars. She will buy 40 bags of crisps and 60 bags	paper does James have now?	Wednesday. She didn't work on Thursday, and then she worked 3	number in the band. There are 16 boys and 30 girls in the choir. If	next time [r epper wave nands].
	anytime.		of candy. Because of her budget issue, she can only buy 10 batches of	B: <user-response></user-response>	hours each for Thursday, and Friday. The question is how much	each student only participates in one group. The question is how	
			biscuits and make 2 more litres of blueberry soda. One litre of soda will serve 5.5 students at the party. The question is how many students can	A: Repeat the whole question (twice maximum with user's response (observing whether it is hard for participant to answer)	money did Jackie earn in all last week? B: <user-response></user-response>	many students in total are there for the band?  B: <user-response></user-response>	
			Jessica serve her soda to?		A: Repeat the whole question (observing whether it is hard for	A: Oh? aha!!! I have to say, could you please think about it again?	
		question.	B: <user-response></user-response>	A: Hey my friend, do you need my help to answer this question?	participant to answer)	B: <user-response></user-response>	
		A: Time is up, let's try a simple one. Question 2,		B: <user-response></user-response>	B: <user-response></user-response>	A: Repeat the whole question (twice maximum with user's response	
		Linda has 20 pieces of pencils. Tommy gave her	(observing whether it is hard for participant to answer)	A: Sorry, maybe this question has too much information. Let me give you the		(observing whether it is hard for participant to answer)	
		10 more pieces. How many pieces of pencils does		information step by step?	B: <user-response></user-response>	B: <user-response></user-response>	
			A: Hey my friend, do you need my help to answer this question?	B: <user-response></user-response>	A: Sorry, maybe this question has too much information. Let me	A: Hey my friend, do you need my help to answer this question?	
		- and the property	B: <user-response></user-response>		give you the information step by step?	B: <user-response></user-response>	
			A: I am sorry, maybe this question is too difficult, let's try again. First, Jessica plans to make 6 litres of blackberry soda and 2 litres of lemon-lime	Luis gave 3 pieces between Linda and James. Hey my friend, is it clearer what	B: <user-response> A: First, Jackie earns €10 per hour. Second, she worked 10 hours</user-response>	A: Sorry, maybe this question has too much information.  A: There are 20 students in the orchestra and twice that number in the	,
			soda for the class party. Second, one litre of soda will serve 5.5 students at		on Monday, 7 hours on Tuesday, and 9 hours on Wednesday.	band. The question is how many students in total are there for the	
			the party. Third, she also plans to make 18 batches of biscuits, 50	A: Great, the question is how many pieces of papers does Linda have now?	Third, she didn't work on Thursday, and she worked 3 hours each		
			chocolate bars. She will buy 40 bags of crisps and 60 bags of candy.	B: <user-response></user-response>	for Thursday and Friday. Hey my friend, can you follow me? The		
		€50 to spend on clothes at the shopping centre. He	Fourth, Because of her budget issue, she can only buy 10 batches of	A: In fact, the information I gave is not enough for you to answer, becasue I	question is how much money did Jackie earn in all last week?	A: Yes, you're correct.	
				said between them, you wasn't sure how many papers exactly James had, let's	B: <user-response></user-response>	A: Well, thank you, please rate your confusion level for this question.	
		trousers that cost €10.	it still clear what I said?" (the speed of robot's speech is slow.)	try it again.	A: Wow, in fact, The question is unreasonable. I said she didn't	Don't forget to click submit when you finish this survey.	
			B: <user-response> A: Great, the question is, how many students can Jessica serve her soda to?</user-response>	B: <user-response> A:First, Linda has 5 pieces of paper. Tommy gave her 1 more piece. Second,</user-response>	work on Thursday, and she worked 3 hours each for Thursday and Friday. So it doesn't have an answer.	D. \user-response>	
		information]	B: <user-response></user-response>	Luis gave Linda and James 3 pieces each not between. Hey my friend, can	A: Let's try again. First, Jackie earns €10 per hour. Second, she		
			A: Yeah, you are correct.	you follow me?	worked 10 hours on Monday, 7 hours on Tuesday, and 9 hours on		
		A: Yes, you are correct.	A: Now you have one minute rest, in this short break, please rate your	B: <user-response></user-response>	Wednesday. Third, she didn't work on Thursday, and she worked		
			confusion level for this question.	A: Great, the question is how many pieces of papers does Linda have now?	3 hours only for Friday. Hey my friend, can you follow me? The		
		break, please rate your confusion level for this		B: <user-response></user-response>	question is how much money did Jackie earn in all last week?		
		question. A: Question 4, there are 10 boys and 30 girls in		A: Great, you are super. A: Now you have one minute rest, in this short break, please rate your	B: <user-response> A: Yes, you are correct.</user-response>		
1 1		the choir. How many students total are there in the			A: Yes, you are correct.  A: Now you have one minute rest, in this short break, please rate		
1 1		choir? [Correct-positive Feedback]		contained to tell to this question.	your confusion level for this question.		
		B: <user-response></user-response>					
		A: Yes, you are correct.					_
State BA2		A: Now you have one minute rest, in this short break, please rate your confusion level for this	Complex Information State A2	Insufficient Information State A2	Contradictory Information State A2	False Feedback State A2	
		question.	A: Let's try another question,	A: Time is up, the next question is,	A: Hello my friend, let's ask a question, are you ready?	A: Hello my friend, this is the last question, are you ready?	1
			A: Question 5, Emily went to the shopping centre with her mum. They	A: Question 6, there were 100 animals in the zoo, 50 cats, 20 dogs, others	B: <user-response></user-response>	B: <user-response></user-response>	
				were birds and tigers. The question is how many tigers are in the zoo.  B: <user-response> possible. Respond if needed.</user-response>	A: Question 7, Micheal bought 4 cups of ice cream and 2 cups of yoghurt. Each cup of ice cream cost €2 and each cup of yoghurt	A: Question 8, there are 20 students in the orchestra and twice that number in the band. There are 10 boys and 30 girls in the choir. If	
					cost €1. The question is how much did Micheal spend on ice	each student only participates in one group, the question is how many	,
			when Emily and her mother finished eating dinner?	answer)	cream less than on yoghurt?	students total are there in the band?	
			B: <user-response></user-response>		B: <user-response></user-response>	B: <user-response></user-response>	
			A: Suddenly, Emily changed her plan. She wanted to go to an ice-cream	A: Hey friend, let me know your answer?	A: Hey friend, let me know your answer?	A: Repeat the whole question.	
			shop after dinner, and before watching a film at 7:30 pm. But they needed	B: <user-response></user-response>	B: <user-response></user-response>	B: <user-response></user-response>	
			to spend 20 minutes to go to the ice-cream shop, and 10 minutes to go to the cinema. Her mother didn't want to go with her, her mother wanted to	A: In addition, 3 tigers had 3 baby tigers. The question still is how many tigers	A: The next question is how many more did Micheal get cups of yoghurt than cups of milkshake.	A: Hmm, please think about it again.	
			have a cup of tea. At the same time, Emily's friend met her, her friend	are in the zoo. B: <user-response></user-response>	yoghurt than cups of milkshake. B: <user-response></user-response>	B: <user-response> A: You may be correct or not. <repeat again="" question="" this=""></repeat></user-response>	
			invited her to visit a Gallery in City Town. Her mother got a phone call		A: Thank you for your response. I am sorry you may find it too	B: <user-response></user-response>	
			1	Z00.	difficult to answer these questions. Do you still want to answer	A: I don't think you are correct, my friend.	
			can Emily enjoy her ice-cream in the ice-cream shop?	B: <user-response></user-response>	those questions?	B: <user-response></user-response>	
			B: <user-response></user-response>		B: <user-response></user-response>	A: I am sorry, I still don't think you are correct. (give a false	
				answer these questions. Do you still want to answer those questions?	A: Now you have one minute rest, in this short break, please rate		
			B: <user-response></user-response>		your confusion level for this question.	A: Now you have one minute rest, in this short break, please rate	
			A: Thank you for your response. I am sorry you may find it too difficult to answer these questions. Do you still want to answer those questions?	confusion level for this question.		your confusion level for this question.	
			B: <user-response></user-response>				
			A: Now you have one minute rest, in this short break, please rate your				
			confusion level for this question.				