

Teacher	Gender	Age	Experience	What do you teach?	How long in advance do you prepare your classes?	What topics do students struggle with?	Struggles during teaching process?	How do you normally approach this issue?	How do you normally measure students' progression in these subjects?
P1	M	22	3 years	WeDo	10-15 mins	gears, physics concepts	groupwork, sharing, autonomy	make them help each other, pair strong and weak student	assign challenges, autonomy
P2	M	23	3 months	Mini-Makers, EV3	2 days	coding, animation	focus, novelty	hands-on approach, reformulate explanations over time	autonomy, challenges
P3	M	23	2 years	WeDo	10-15 mins	coding	listening, groupwork, relationships, diverse level of understanding	give better kids more to do, help struggling students, repeat, put on flashy videos	speed, autonomy
P4	F	25	6 months	WeDo	10-15 mins	3d visualisation, deep understanding of concepts	understanding of concepts vs just wanting to build repetitiveness, short attention span	verbal explanation	autonomy
P5	M	22	3 years	WeDo	3-4h at the beginning, now 15 mins	coding concepts	lots of energy restlessness focus, maintaining attention	give a preview of what's to come, focus on achieving a goal at the end of the class, rules for the activities	autonomy, smaller quantity of explanation for same outcome, how much they remember next class
Teacher	What would be alternative solutions using technology?	Do you know what Social Assistive Robots (SAR) are?	Do you think SARs can help?	To what extent do you think this solution would help to solve your problem?	How would you evaluate my activity?	How long do you think this would add to preparation time?	What are the essential features of the activity?	What are the least essential features of the activity?	Is there something that's not there that should be to better support your needs?
P1	?	no	yes, but due to novelty	kids love hearing a good story. It will make them listen, capture their attention, and its educational	8	not much, 2/10 addition	-the questions asked by QT	nothing	-be certain to have the answers to the questions in the story -image display -have the answers be told after the discussion by QT
P2	no, need to have taught for longer to feel comfortable enough to explore outside the boundaries of the manual	no	friendly looking robot so students might be intrigued, might go against the "hands-on" approach that they're trying to do, students might get too distracted	it might be easy to get distracted with the robot and it could get off topic. The robot could be effective in getting the attention of the students. However, when kids really don't understand anything and need lots of repetition.	4: the role of the teacher to be flexible is important, robot is more of a show. Not sure if it would be helpful for the programming part, but giving motivation to do the construction part is nice. Could be useful to get the kids back on track	not a lot of additional prep time, could be used on the go throughout the lesson.	-facial expressions and gestures		- be able to stop the story midway for clarification! It's kind of like a dance monkey in a way. -It's like it's there to really keep the attention of the kids focussed while at the same time not like helping you get your point across and it's still your course. You still have to teach it, but it's like a helper. -story editing -images on QT's face -more interaction with the robot (dialogue between it and the students) - rewards/encouragement for the student
P3	? (cool stuff makes the students want to do it more)	no	yes, it's flashy	will help, get kids excited but not 100%. Kids would forget they're in a class	6 or 7 (story) 9 or 10 (question)	can reduce time	ai options		-adjust length of story (slider) -dialogue option -how many characters -movements with the questions
P4	?	no	maybe for learning part	could be a useful tool in addition to teacher	5	no prep to use it during or 20-30 mins extra if you're writing yourself			-show pictures on the screen
P5	showing videos on the projector visual aids	no	depends on the type of support it provides, if it has interaction	it's always a bit challenging to find like a good story for you to come up with each activity. I think it might be helpful for the teacher to worry less about, like, what you say. Makes life easier for the teacher. But may take attention away from the teacher	5 for story 2 for questions (only asks and doesn't complete the interaction with an answer)	not that much additional prep time as its simple to use	-facial expressions and gestures -repetition of story	-the no-ai option because the teacher has to prepare it	-having the questions be interactive and QT confirms the correct answer