

Robotics social club: Measures

Measures used	Completed by	About	When	Helped us to understand more about
Motivation and engagement scale ¹	30 students who attended the club 74 students who didn't attend the club	Students	Before and after the club	Whether the academic motivation of students who attended the club differed from those who didn't attend the club
Social networks and friendship survey ²	All club students	Students	Before and after the club	How the social networks and friendships of students who attended the club developed similarly for students on the autism spectrum and students not on the spectrum
Social responsiveness scale ³	Teachers	Students	Before and after the club	The degree of social communication, and restricted and repetitive behaviours and interests
Interviews	Students	Student expectations of the club	Before the club	
	Parents	Parent expectations of the club		
	Club facilitators	Their expectations and professional learning needs		
	Students	Experiences and learnings	After the club	
	Parents	Parent perspectives of student experiences and learnings		
	Club facilitators	Student outcomes		

1. Martin, A. (2007). Examining a multidimensional model of student motivation and engagement using a construct validation approach. *British Journal of Education Psychology*, 77, 413–440.
 2. Cairns, R. B., & Cairns, B. D. (1994). *Lifelines and risks: Pathways of youth in our time*. New York, NY: Harvester Wheatsheaf.
 3. Constantino, J. N., & Gruber, C. P. (2012). *Social Responsiveness Scale* (2nd edn). Torrance, CA: Western Psychological Services.

