

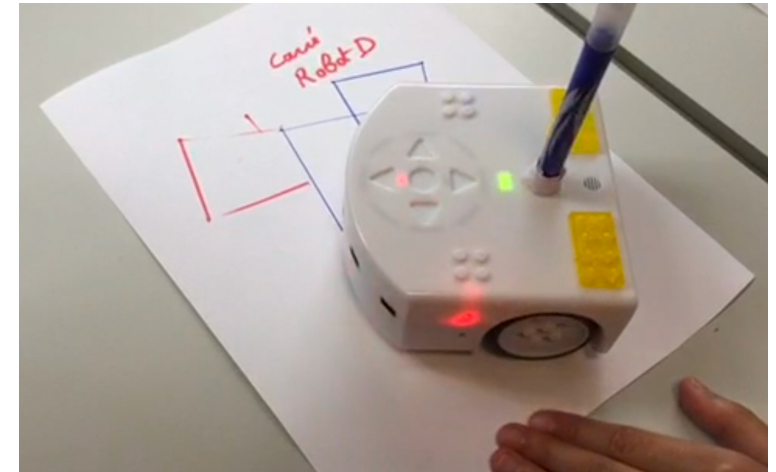
L1-C1: Robotics fundamentals

In a primary school, a teacher is proud to introduce Thymio to make connections between robotics and maths. The task given to the pupils is to draw a square on the ground, making four loops of a turn of 90 degrees and a straight line, drawing the four sides of the square. He presents this to a robotics expert, but she is not convinced at all, why?

A. The sensor used to measure the displacement, the motor speed sensors, is not very precise: this is not the best robotic task to show to the pupils.

B. The teacher missed a key element that makes this a bad exemple in robotics: calibration. Each robot should be individually calibrated for this specific task and will do better squares.

C. This is not a robotic task, as there are no exteroceptive sensors used, only a proprioceptive one.



Réseau Canopé