

WORK SHEET

Movement in Robots- How does it compare to movement by humans?

(fill in after discussing each question below in groups of two or three)

1. Run your robot forward till it comes close to a wall. Why does it move back? Explain all the steps that makes the robot move back.
2. The way that a human decides to move is different from the way that a robot decides to move. Can you explain why?
3. The way that a human sends the signal to move to the muscles is very similar to the way that a robot sends the signal to move to the motors? Can you compare them?
4. The way that a motor moves a robot is different from the way that a muscle moves a limb in a human. Can you explain the difference?