



Challenge #1

G R E A T
A U T H O R !



Great Author

DETAILS

Construct a robot equipped with a marker that draws the text “IT IS FUN!” You can use anything you want to attach the supplied marker to your robot.



RULES

- The marker must be lifted by the robot when not writing
- Your robot is not limited to kit only parts, though it IS not allowed to use human interaction once the program is started
- Once you start your program, you cannot move your robot if it gets off track
- You will receive points according to how many letters the robot completed – partial points are available if it is not completed
- The text height should be greater 4 inches and less than 6 inches when completed
- You can have your robot use any ‘font’, including blocked letters with no curves, but you can receive bonus points for writing style



Watch for battery power! Driving angles are highly reliant on having a consistent battery power (which is also useful to watch out for when testing larger programs).