



LEGO ROBOTICS DAY CAMP



Essential Robot Characteristics

Integrity: It never falls apart in service.

Accuracy: It can go straight, and works precisely.

Functionality: It does what it is supposed to do as is, or can be reconfigured with subassemblies as needed.

Repeatability: It does the same exact thing all day.

Reproducibility: It does the same exact thing everywhere you go.

Ergonomics: It is easy to operate.

Efficiency: It does not waste battery power on friction or weight.

You can achieve all of the characteristics in the list above if you work on integrity and accuracy first. Specifically, take the time to test and improve your robot such that:

- It never falls apart in service.
- It can go in a straight line across the table.