

#3: Into Orbit - Launch Planning Sheet

NAME OF THE Launch: _____

ENGINEERS: _____

1. Describe each mission specifications. Use ruler to find exact measurements.
2. Summarize the missions.

Summary of the Launch:

Order of the Missions:

- | | |
|----------|----------|
| 1. _____ | 3. _____ |
| 2. _____ | 4. _____ |

Width, Length, or Height Limitation of chassis:

Width: _____ Length: _____

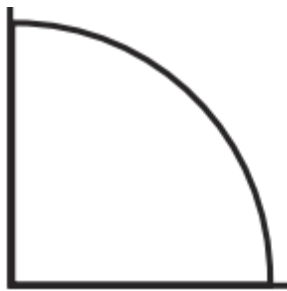
Height: _____ Clearance: _____

Sensors:

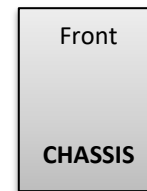
- Color Sensors 1 or 2
- Ultrasonic Sensor
- Gyro Sensor
- Touch Sensor

Base starting position:

Try to start all your missions on same location. If you are starting at a different location, build a guide to set your robot easier.



Draw the location of the sensors:



Missions:	Drawings of the attachments:
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Mission #1: _____

Size of Chassis Width: _____ Length: _____
 Height: _____ Bottom clearance: _____

Turns Forward or Rear Drive Degree turns: _____

Attachments Type of motors or sensors

Medium motor: _____ Large motor: _____ Passive: _____

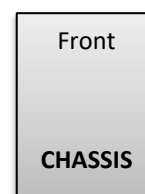
Locations: _____

Length: _____ Width: _____ Height: _____

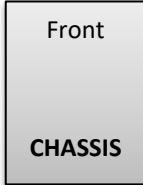
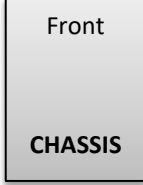
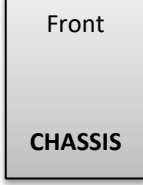
Movements: _____

Sensors

Color Sensor _____ Ultrasonic sensor _____ Touch Sensor _____



- Test each prototype.
- Draw the final attachments on LDD.
- Make two point attachments
- Test for sturdiness
- Test for consistency

<p>Mission #2: _____</p> <p>Size of Chassis Width: _____ Length: _____ Height: _____ Bottom clearance: _____</p> <p>Turns Forward or Rear Drive Degree turns: _____</p> <p>Attachments Type of motors or sensors Medium motor: _____ Large motor: _____ Passive: _____ Locations: _____ Length: _____ Width: _____ Height: _____ Movements: _____</p> <p>Sensors Color Sensor _____ Ultrasonic sensor _____ Touch Sensor _____</p>	<div style="text-align: center;">  <p>Front CHASSIS</p> </div> <ul style="list-style-type: none"> <input type="checkbox"/> Test each prototype. <input type="checkbox"/> Draw the final attachments on LDD. <input type="checkbox"/> Make two point attachments <input type="checkbox"/> Test for sturdiness <input type="checkbox"/> Test for consistency
<p>Mission #3: _____</p> <p>Size of Chassis Width: _____ Length: _____ Height: _____ Bottom clearance: _____</p> <p>Turns Forward or Rear Drive Degree turns: _____</p> <p>Attachments Type of motors or sensors Medium motor: _____ Large motor: _____ Passive: _____ Locations: _____ Length: _____ Width: _____ Height: _____ Movements: _____</p> <p>Sensors Color Sensor _____ Ultrasonic sensor _____ Touch Sensor _____</p>	<div style="text-align: center;">  <p>Front CHASSIS</p> </div> <ul style="list-style-type: none"> <input type="checkbox"/> Test each prototype. <input type="checkbox"/> Draw the final attachments on LDD. <input type="checkbox"/> Make two point attachments <input type="checkbox"/> Test for sturdiness <input type="checkbox"/> Test for consistency
<p>Mission #4: _____</p> <p>Size of Chassis Width: _____ Length: _____ Height: _____ Bottom clearance: _____</p> <p>Turns Forward or Rear Drive Degree turns: _____</p> <p>Attachments Type of motors or sensors Medium motor: _____ Large motor: _____ Passive: _____ Locations: _____ Length: _____ Width: _____ Height: _____ Movements: _____</p> <p>Sensors Color Sensor _____ Ultrasonic sensor _____ Touch Sensor _____</p>	<div style="text-align: center;">  <p>Front CHASSIS</p> </div> <ul style="list-style-type: none"> <input type="checkbox"/> Test each prototype. <input type="checkbox"/> Draw the final attachments on LDD. <input type="checkbox"/> Make two point attachments <input type="checkbox"/> Test for sturdiness <input type="checkbox"/> Test for consistency