Team Name: ____________________________

Team Members: ____________________________

Use the space below as a guideline to record information about the challenge. You may add more details if needed.

Problem Statement: (One simple sentence) ____________________________

_____________________________________________________________________

Event Details:

1. ________________________________________________________________

2. ________________________________________________________________

3. ________________________________________________________________
If you can think of more than one option, use the next two or three pages as a guideline to Record those options.

Option 1 Plan: (Path name) ______________________

SKETCH:

<table>
<thead>
<tr>
<th>Option 1-Advantages</th>
<th>Option 1-Disadvantages</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>1.</td>
</tr>
<tr>
<td>2.</td>
<td>2.</td>
</tr>
<tr>
<td>3.</td>
<td>3.</td>
</tr>
</tbody>
</table>
Option 2 Plan: (Path name) _________________________

SKETCH:

Option 2-Advantages

1. ____________________________
2. ____________________________
3. ____________________________

Option 2-Disadvantages

1. ____________________________
2. ____________________________
3. ____________________________
Option 3 Plan: (Path name) ______________

SKETCH:

Option 3-Advantages
1. __________________________
2. __________________________
3. __________________________

Option 3-Disadvantages
1. __________________________
2. __________________________
3. __________________________
Option Selected: (Path name) ________________

State reason selected: __________________________________________

____________________________________________________________________________

____________________________________________________________________________________________

_____________________________________________________________________

____________________________________________________________________________________________

__________________________________________________________________________________________

Pseudo Code

FINAL SKETCH:

1. __________________________
2. __________________________
3. __________________________
4. __________________________
5. __________________________
6. __________________________
7. __________________________
8. __________________________
9. __________________________
10. __________________________
PROGRAMMING:

After you are finished drawing your final sketch and writing your Pseudo Code, present this document to the judge. Once the judge approves your plan, you may program your robot and test your code.

TESTING:

Did your robot succeed the first time?

PROBLEM: If no, why? What problem did you have?

SOLUTION: How did you fix it or how would you plan to fix it if you had more time?