

ROBOT DESIGN EVALUATION SHEET



Team Number	Team Name	Judging Room
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Instructions

Teams should communicate to the judges their achievement in each of the following criteria.

This scoring sheet should be filled out during the Robot Design explanation.

Judges are required to tick one box on each separate line to indicate the level the team has achieved. If the team exceeds, please make a short comment in the Exceeds box.

BEGINNING 1	DEVELOPING 2	ACCOMPLISHED 3	EXCEEDS 4 How has the team exceeded?
IDENTIFY – Team had a clearly defined mission strategy and explored building and coding skills the needed.			
<input type="checkbox"/> Unclear mission strategy	<input type="checkbox"/> Partially clear mission strategy	<input type="checkbox"/> Clear mission strategy	<input type="checkbox"/>
<input type="checkbox"/> Limited evidence of building and coding skills in all team members	<input type="checkbox"/> Inconsistent evidence of building and coding skills in all team members	<input type="checkbox"/> Consistent evidence of building and coding skills in all team members	<input type="checkbox"/>
DESIGN – Team produced innovative designs and a clear workplan, seeking guidance as needed.			
<input type="checkbox"/> Minimal evidence of an effective plan	<input type="checkbox"/> Partial evidence of an effective plan	<input type="checkbox"/> Clear evidence of an effective plan	<input type="checkbox"/>
<input type="checkbox"/> Minimal explanation of robot and code's innovative features	<input type="checkbox"/> Partial explanation of robot and code's innovative features	<input type="checkbox"/> Clear explanation of robot and code's innovative features	<input type="checkbox"/>
CREATE – Team developed an effective robot and code solution matching their mission strategy.			
<input type="checkbox"/> Limited explanation of their robot and its attachments and sensor functionality	<input type="checkbox"/> Simple explanation of their robot and its attachments and sensor functionality	<input type="checkbox"/> Detailed explanation of their robot and its attachments and sensor functionality	<input type="checkbox"/>
<input type="checkbox"/> Unclear explanation of how code makes their robot act	<input type="checkbox"/> Partially clear explanation of how code makes their robot act	<input type="checkbox"/> Clear explanation of how code makes their robot act	<input type="checkbox"/>
ITERATE – Team repeatedly tested their robot and code to identify areas for improvement and incorporated the findings into their current solution.			
<input type="checkbox"/> Minimal evidence of testing their robot and code	<input type="checkbox"/> Partial evidence of testing their robot and code	<input type="checkbox"/> Clear evidence of testing their robot and code	<input type="checkbox"/>
<input type="checkbox"/> Minimal evidence their robot and code was improved	<input type="checkbox"/> Partial evidence their robot and code was improved	<input type="checkbox"/> Clear evidence their robot and code was improved	<input type="checkbox"/>
COMMUNICATE – Team's explanation of the robot design process was effective and showed how all team members have been involved.			
<input type="checkbox"/> Unclear explanation of robot design process	<input type="checkbox"/> Partially clear explanation of robot design process	<input type="checkbox"/> Clear explanation of robot design process	<input type="checkbox"/>
<input type="checkbox"/> Minimal evidence that all team members were involved	<input type="checkbox"/> Partial evidence that all team members were involved	<input type="checkbox"/> Clear evidence that all team members were involved	<input type="checkbox"/>

Feedback

Great job:

Think about: