



**Speed Build**

	Trial 1		Trial 2	
Team Name and contestant	Trial 1 time		Trial 2 time	Best of Two
Geared Up - Josh	03:22.7		02:49.6	02:49.6
Rainbow Robotics Rules - Audrey	03:13.2		02:58.8	02:58.8
Rainbow Robotics Rules - Makayla	02:34.8		02:20.6	02:20.6
AMS Robo Masters - Gaven	03:53.4		03:15.8	03:15.8
<b>Note: Audrey incorrectly listed on Master Golden Engineers</b>				

Rank	N
2	Y
3	Y
1	Y
4	Y
NA	N
NA	N
NA	N
NA	N
NA	N
NA	N
NA	N
NA	N
NA	N

Enter Time to Complete

Each robot must be built from scratch, contestants have a 1 minute setup time and a **6 minute max.** build time.

Once all teams have gone,  
Send sheet to the officials table to be entered

Enter INC for incomplete if the robot does not meet requirements

- Robot incorrectly built
- Did not finish in time allowed (6 minutes)
- Robot did not operate when complete

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**Delivery**

Team Name - And member names if more than one in the team	Trial 1 time	Bonus	Final Time/Score	Trial 2 time	Bonus	Final Time/Score	Trial 3 time	Bonus	Final Time/Score	Best of Three	Rank	Rank	Gold Standard? (Successful to center ring)
Vassalboro Vikings	inc		60	inc		60	inc		60	60	2	1	No
AMS Robo Masters	13.32	-4	9.32	13.25	-6	7.25	inc		60	7.25	1		Yes
Stepping Stones Montesseri	inc		60	inc		60	inc		60	60	2		No
			0			0			0	120	4		No
			0			0			0	120	4		No
										120	4		No
										120	4		No
										120	4		No
										120	4		No
										120	4		No

**Enter Time to Complete**

Enter the time from when the robot leaves the start square to exiting the rings after delivering the object

Enter the bonus, if any, and subtract from the time to give the final time.

Once all teams have gone, Send sheet to the officials table to be entered

Enter INC for incomplete if the robot does not meet requirements

Did not deliver object to rings  
 Did not leave after delivering  
 Otherwise failed to complete

- Bonus:
- Subtract 6 seconds for object delivered to the inner ring
  - Subtract 4 seconds for object delivered to the second ring
  - Subtract 2 seconds for object delivered to the third ring
  - Subtract 0 seconds for object delivered to the outer ring

**SLOPE CLIMBING**

Team Name - And Robot member names if more than one robot in the team	30 Degrees	40 Degrees	50 Degrees	60 Degrees	65 Degrees	70 Degrees	72.5 Degrees	75 Degrees	77.5 Degrees	80 Degrees		Highest Slope Achieved	Best Time at Slope	Gold Standard? (60 degrees or better)	RANK	
	Time	Time	Time	Time	Time	Time	Time	Time	Time	Time	Time					
BJHS Terminators	2.30	2.06	inc	inc											3	
			4.59	inc												
				inc												
Wait, Wait I got an Idea	4.06	3.72	inc													
			inc													
			inc													
AMS Robo Masters	7.66	7.65	9.85	inc	inc									Yes	1	
				59.37	inc											
					inc											
Winthrop Ramblers	8.90	11.09	inc													
			inc													
			inc													
L-E-G-N-G-O	24.44	25.07	inc													
			inc													
			inc													
Vassalboro Vikings	3.12	3.38	3.72	inc											2	
				inc												
				inc												
Rainbow Robotic Rules	inc	inc														
	inc	inc														
	32.41	inc														
Master Golden Engineers	5.78	5.47	17.59	inc												
				inc												
				inc												

Time to Complete

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**Table Clearing**

Team Name - And Robot # if more than one in the team	Trial 1 time	Trial 1 # of Cans	Penalty? (0 or -1)	Final Can Number	Trial 2 time	Trial 2 # of Cans	Penalty	Final Can Number	Trial 3 time	Trial 3 # of Cans	Penalty (0 or -1)	Final Can Number	Highest # of Cans Removed	Total Number of Cans Removed	Rank	Gold Standard? (8 cans in 1 run)
<b>Example</b>	43	6	0	6	62	8	-1	7	INC			0	8	14		Yes
Diamond Robot Gladiators, Elijah, Hunter	41	2	0	2	28	6	-1	5	22	4	-1	3	5	10	3	No
Auburn Falcons, Reece, Spencer	29	8	0	8	30	8	0	8	1:10	8	0	8	8	24	1	Yes
Winthrop Ramblers, Philip, mcquire, cameron, adam	37	2	-1	1	1:32	4	-1	3	1:30	6	-1	5	6	12	2	No
				0				0				0	0	0	4	No
				0				0				0	0	0	4	No
				0				0				0	0	0	4	No
				0				0				0	0	0	4	No
				0				0				0	0	0	4	No
				0				0				0	0	0	4	No
				0				0				0	0	0	4	No
				0				0				0	0	0	4	No

Enter Time to Complete and # of cans removed

Once all teams have gone,  
Send sheet to the officials table to be entered

Enter INC for incomplete if the robot does not meet requirements  
Removed no cans or fell off the table  
Or otherwise failed to complete event

Teams time is based on how long they compete. If a team clears 5 and says "we're done" then put down 5 and the time to that point. If they continue on, then mark the time they finish (or 90 if they run the entire 90 seconds).

Settling ties: If two teams have the highest number of cans removed (for example 6) then there are two tie breaking criteria to look at:

- 1: Total for all 3 trials (so add the total cans removed)
- 2: If the total is equal and the highest is equal, then the team to finish in the fastest time in a high scoring run wins.

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**Fastest Robot Trials**

	Team Name - And member names if more than one in the team	Trial 1 time	Trial 2 time	Trial 3 time	Best of Three	Gold Standard? (under 3.5 seconds)	Rank
Example	Orono Red Riots, Tom & Gail	3.455	3.567	3.670	3.455	Yes	
1	L-E-GNG-O	2.182	2.166	2.166	2.166	Y	1
2	Vassalboro Vikings	3.750	3.690	3.759	3.690	N	5
3	BJHS Terminators	50.000	5.422	5.408	5.408	N	7
4	Messalonskee Middle School	50.000	50.000	50.000	50.000	N	9
5	AMS Robo Masters	2.536	2.784	2.384	2.384	Y	2
6	Winthrop Ramblers	2.820	2.558	50.000	2.558	Y	3
7	Stepping Stones	4.050	4.088	3.926	3.926	N	6
8	Stepping Stones	3.240	3.250	inc	3.240	Y	4
9	Stepping Stones	inc	12.824	12.035	12.035	N	8
10	Wait, Wait I got an Idea!	50.000	50.000	50.000	50.000	N	9
11		50.000	50.000	50.000	50.000	N	9
12		50			50	N	9
13		50			50	N	9
14		50			50	N	9
15		50			50	N	9
16		50			50	N	9
17		50			50	N	9
18		50			50	N	9
19		50			50	N	9
20		50			50	N	9

Enter time read from the NXT

Enter the number read off of the NXT after each team's trial. Once all teams have gone, Send sheet to the officials table to be entered

Enter INC for incomplete if the robot does not meet requirements

Did not finish course  
Or otherwise failed to complete event

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**Walking**

Team Name - And Robot # if more than one in the team	Time, Trial 1	Time Trial 2	Time, Trial 3	Best of Three	Ranking	Gold Standard? (20 Seconds )
Geared UP	5.5	5.5	inc	5.5	2	Yes
Winthrop Ramblers	4.56	4.75	4.28	4.75	1	Yes
				99	3	No
				99	3	No
				99	3	No
				99	3	No
				99	3	No
				99	3	No
				99	3	No
				99	3	No
				99	3	No
				99	3	No

**Enter number of delivered balls**

Each ball in the LOW goal is 1 point  
 Each ball in the high goal is 3 points  
 Balls in the air at the end of 30 seconds DO NOT COUNT, remove them before counting  
 Confirm count with team before getting setup again or leaving

Once all teams have gone,  
 Send sheet to the officials table to be entered

Enter INC for incomplete if the robot does not meet requirements  
 Did not deliver any balls  
 Was disqualified by team action or robot action  
 Was otherwise disqualified

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**Ping Pong Shot Put**

Team Name - And Robot # if more than one in the team	Points - Trial 1	Points - Trial 2	Points - Trial 3	Best of Three	Gold Standard	Rank
Wait, Wait I got an Idea!	15	18	18	18	No	2
AMS Robo Masters	17	5	21	21	Yes	1
Winthrop Ramblers	9	5	10	10	No	3
				0	No	4
				0	No	4
				0	No	4
				0	No	4
				0	No	4
				0	No	4
				0	No	4
				0	No	4
				0	No	4
				0	No	4

**Enter number of delivered balls**

Each ball in the LOW goal is 1 point  
 Each ball in the high goal is 3 points  
 Balls in the air at the end of 30 seconds DO NOT COUNT, remove them before counting  
 Confirm count with team before getting setup again or leaving

Once all teams have gone,  
 Send sheet to the officials table to be entered

Enter INC for incomplete if the robot does not meet requirements  
 Did not deliver any balls  
 Was disqualified by team action or robot action  
 Was otherwise disqualified





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STRONGEST ROBOT - SHEET 1

Team Name - And member names if more than one strongest robot in the team	Trials	20 pounds	25 pounds	30 pounds	35 pounds	40 pounds	Gold Standard? (40 pounds)	45 pounds	50 pounds	55 pounds	60 pounds	HIGHEST WEIGHT PULLED	BEST TIME AT WEIGHT	Rank
		Time (60 second max)	Time	Time	Time	Time		Time (60 second max)	Time	Time	Time			
L-E-G-N-G-O	1	11.22	12.69	13.03	14.60	16.78	Y	inc				40	16.78	2
	2							inc						
	3							inc						
Rainbow Robotic Rules	1	inc					N					0		4
	2	inc												
	3	inc												
Diamond Robot Gladiators	1	29.96	30.09	30.41	32.91	inc	#VALUE!					35	32.91	3
	2					inc								
	3					inc								
BJHS Terminators	1	35.03	36.69	39.1	39.31	44.79	Y	inc	inc	inc		50	47.65	1
	2							43.03	47.65	inc				
	3									inc				
	1						N							4
	2													
	3													
	1						N							4
	2													
	3													
	1						N							4
	2													
	3													
	1						N							4
	2													
	3													

Enter time to complete or INC for incomplete

Enter time to complete or INC for incomplete

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**BRIDGE**

Team Name - And Bridge # if more than one in the team	Length at Checkin (in)	MASS OF BRIDGE	WEIGHT AT FAILURE	RANKING (at 80 pounds)	Gold Standard? (50 pounds)
Rainbow Robotics Rules, Timmy, Audrey, Makayla, Lizzy	34.4	1204	55	2	Yes
Diamond Robot Gladiarots, Alex, Jonny, Sean, Lucas	31.3	1000	75	1	Yes
Wait, Wait I got and Idea, Ian Harrish	30.0	1078	25	3	No
Winthrop Ramblers, Abigail, Ricky	29.5	977	25	3	No
Stepping Stones, Jordan, Aidan, Anastasia	29.0	2140	5	5	No
				#N/A	No
				#N/A	No
				#N/A	No
				#N/A	No
				#N/A	No
				#N/A	No
				#N/A	No
				#N/A	No
				#N/A	No

Once all teams have gone,  
Send sheet to the officials table to be entered

- Enter INC for incomplete if the bridge does not meet requirements
- Bridge failed to carry 5 pound minimum
- Was disqualified by team action or robot action
- Was otherwise disqualified