

2014 Maine Robot Track Meet

BRIDGE

Team Name - And Bridge # if more than one in the team	WEIGHT AT FAILURE	MASS OF BRIDGE	RANKING (at 80 pounds)	Gold Standard? (50 pounds)
Irobot, Brent	15	712	4	No
RoboGeeks, Patrick, Matthew, John, Ian	INC	1671		No
Electric Mayhem, Jacob, Hannah	95	2391	2	Yes
Patriots, Tim, Sean	145	974	1	Yes
Southside Shires 2, Amanda, Alisha	165	3415	3	Yes
Megabuilders, Paxton, Shane	INC	2390		No
Fast 'n Furious, Kaleena	15	1987	5	No
Team Epic, Maddy, Samuel	INC	INC		No
				No
				No
				No
				No
				No
				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

2014 Maine Robot Track Meet

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	Ranking	Gold Standard? (Successful to center ring)
Patriots, Sarah	11	0	11	11	2	9	INC		99	9	3	No
Edmunds Jets, Alex & Johnny	13	4	9	12	6	6	13	4	9	6	1	Yes
Rockin' Robots, Richard & Steven	INC		99	INC		99	INC		99			No
Southside Shires 1, Jacob	INC		99	INC		99	INC		99			No
Southside Shires 2, Amanda, Alisha	13	2	11	12	2	10	13	4	9	9	2	No
			99			99			99			No
			99			99			99			No
			99			99			99			No
			99			99			99			No
			99			99			99			No
			99			99			99			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

2014 Maine Robot Track Meet

Speed Build

	Trial 1		Trial 2			
Team Name and contestant	Trial 1 time		Trial 2 time	Best of Two		Gold Standard? (3.5 minutes or better)
RoboGeeks, Erin Corcoran	3:05		3:01	3:01	3	Yes
Electric Mayhem, Alexis Tozier	3:45		2:57	2:57	2	Yes
Electric Mayhem, Jason Herrick	3:22		3:01	3:01		Yes
Edmunds Jets, Paige Bell	2:24		2:01	2:01	1	Yes
Southside Shires 2, Alisha Oullette	5:23		5:30	5:23		No

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

2014 Maine Robot Track Meet

SLOPE CLIMBING, SHEET 1 (to sixty degrees)

STATION 1	30 Degrees	40 Degrees	50 Degrees	60 Degrees	65 Degrees			
Team Name - And Robot member names if more than one robot in the team	Time	Time	Time	Time	Time	Continuing?	Ranking	Gold Standard? (60 degrees or better)
MegaBuilders, Zak, Holly	INC							No
SS Shires I, Robert				4.00			3	Yes
Team Epic		9.00						No
SS Shires 1, Hope			7.00					No
Rockin' Robots, Dakota				13.00				Yes
Irobot, Ethan	4.00							No
Electric Mayhem, Jonah, Nathan					6.00		1	Yes
Patriots, Jack					11.00		2	Yes

Time to Complete

2014 Maine Robot Track Meet

Table Clearing

Team Name - And Robot # if more than one in the team	Trial 1 time	Trial 1 # of Cans	Penalty (-1 for penalty, 0 for no penalty)	Trial 2 time	Trial 2 # of Cans	Penalty	Trial 3 time	Trial 3 # of Cans	Penalty	Highest # of Cans Removed	Total Number of Cans Removed	Gold Standard? (8 cans in 1 run)
Example	43	6	-1	62	8	0	INC		0	8	14	Yes
Edmunds Jets, Felicia, Natcha	8	3	-1	27	7	-1	34	6	0	6	14	2 No
Rockin' Robots, Steven, Richard, Zac	18	4	-1	50	7	-1	14	4	-1	6	12	3 No
NXT Generation, Drew	66	8	0	67	8	0	1	0	0	8	16	1 Yes
										0	0	No
										0	0	No
										0	0	No
										0	0	No
										0	0	No
										0	0	No
										0	0	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.

2014 Maine Robot Track Meet

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	Rank	Gold Standard? (under 3.5 seconds)
Example	Orono Red Riots, Tom & Gail	3455	3569	3670	3.555		Yes
1	Digital Claw I, Aaron, Mike, Bailey, Bruce	2672	2520	2568	2.520	4	Yes
2	Edmunds Jets, Jordan, Devin, Cameron	2634	INC	2568	2.568	6	Yes
3	Electric Mayhem, Dakota	2822	2742	2552	2.552	5	Yes
4	Digital Claw II, Beck, Ben, Wyatt, Pedro	2500	2492	2424	2.424	2	Yes
5	Rockland RoboGeeks, Patrick, Matthew, Ian, Michael	3417	3462	3326	3.326	12	Yes
6	Surry Tigers, Martina, Toby	3036	3454	3110	3.036	9	Yes
7	Surry Tigers, Loni, Thomas	INC	INC	7074	7.074	15	No
8	Surry Tigers, Ryan, Gavin, Eli	INC	2766	3446	2.766	7	Yes
9	Digital Claw 1, Austin, Benton	3276	3418	3534	3.276	11	Yes
10	Southside Shires II, Brandon	3402	4204	3402	3.402	13	Yes
11	MegaBuilders, Drew, Shane, Paxton	2866	3136	2970	2.866	8	Yes
12	Irobot, Trevon	INC	4276	4434	4.276	14	No
13	Digital Claw I, Colby	3420	3188	INC	3.188	10	Yes
14	Digital Claw I, Ethan	2314	2400	2406	2.314	1	Yes
15	Irobot, Kyle	INC	INC	2488	2.488	3	Yes
16	Team Epic, Dylan, Kitty, Dominic, Zoe	13724	INC	14434	13.724	16	No
17					20.000	17	No
18					20.000	17	No
19					20.000	17	No
20					20.000	17	No

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

2014 Maine Robot Track Meet

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	Go to Finals?	Finals - Trial 1	Finals - Trial 2	Best of Two	Ranking	Cold Standard? (20 points)
Irobot, Daniel & Paul	17	35	52	52	Yes	50	30	50	3	Yes
Surry Tigers, Russell	1	0	0	1						No
Edmunds Jets, Trevor & John	41	52	48	52	Yes	67	41	67	1	Yes
Mega Builders, Shane, Paxton, Drew, Lucas	40	26	24	40	Yes	31	33	33		Yes
Patriots, Jack, Tim	0	0	0	0					2	No
Rockin' Robots, Caleb, Hudson	0	0	0	0						No
Southside Shires 1, Nate	40	42	42	42	Yes	54	59	59		Yes
Patriots, Sean, Josh	22	28	29	29						Yes
NXT Generations, Anthony	10	20	19	20						Yes
Irobot, Ian	1	2	4	4						No
				0						
				0						

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

2014 Maine Robot Track Meet

Steeplechase

Team Name - And Robot # if more than one in the team	Points	Time (seconds)	Points	Time (seconds)	Points	Time (seconds)	Highest Number of Points	Best Time at Highest Points(seconds)	Ranking	Gold Standard? (40 points)
Example	40	15	20	8	30	12	40	15		Yes
Electric Mayhem, LeeAnne, Lauren	40	2.87	40	2.94	40	2.84	40	2.84	1	Yes
MegaBuilders, Shane, Drew	40	4.50	40	4.20	40	4.30	40	4.20	3	Yes
Rockin' Robots, Zac	30	5.00	40	3.96	40	3.90	40	3.90	2	Yes
Patriots, Sean, Jack	10	4.30	20	4.70	30	4.50	30	4.50		
Southside Shires I, Nick	INC		10	4.20	10	5.20	10	4.20		
Southside Shires 2, Damien	40	9.00	40	9.00	40	9.20	40	9.00		Yes
Southside Shires 2, Lacey & Trevor	INC		20	5.94	30	8.90	30	8.90		
Fast 'n Furious, Austin, Nathan	INC		10	3.20	INC		10	3.20		
Fast 'n Furious, Jake	INC		10	2.12	10	2.90	10	2.12		
Electric Mayhem, Gadrielle	30	6.53	40	5.31	40	6.25	40	5.31		Yes
Team Epic, Domonic, Dillon, Zoe	INC		INC		INC					

Enter Time to Complete or to end of trial

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

	Points
Reach the top of the hill	10
Reach the bottom of the hill (far side)	20
Cross the pit	30
Reach the end line	40

Enter INC for incomplete if the robot does not meet requirements
 Could not make it to the top of the hill
 LEGO person fails to stay on the "horse"
 Or otherwise failed to complete event
 LEGO Person is attached with something OTHER THAN simply sticking down onto LEGO knobs

Teams time is based on how long they compete. This would be to crossing the finish line OR leaving the field (falling off), getting stuck, or until the team "calls it" and asks to end the trial.

Settling ties: If two teams have the highest number of points, use the following criteria to settle the tie.

- 1: Total for all 3 trials (so add the total points)
- 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.

STATION 1

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	CONTINUING?	45 pounds	50 pounds	55 pounds	60 pounds	HIGHEST WEIGHT PULLED	BEST TIME AT WEIGHT	Ranking	Gold Standard? (40 pounds)	
		Time (60 second max)	Time	Time	Time	Time		Time (60 second max)	Time	Time	Time					
RoboGeeks, Alex, Noah, John	1	10:33	0:00	7:40	0:00	8.43	Yes	INC							Yes	
	2					7.75		INC								
	3					7.88		INC								
Digital Claw I, Thaddeus	1	INC	INC				No								No	
	2	INC														
	3	8.94														
Surry Tigers, Ryan, Gavin, Eli	1	INC					No								No	
	2	INC														
	3	INC														
Masterminds, Cole	1	16.06	17.03	17.03	17.84	19.09	Yes	19.97	20.59	21.25	21.53			1	Yes	
	2					19.15						33.16				
	3					18.88						21.5				
Surry Tigers, Sam, Alicia	1	10.56	INC	INC			No								No	
	2		INC	INC												
	3		11.56	INC												
Next Generation, Jason	1	12	10	INC	10.05	14.62	Yes	9.81	INC					3	Yes	
	2			13		10.56			INC							
	3								INC							
Edmund Jets, Jason, Tara	1	7.56	8.91	11	INC		No								No	
	2				INC											
	3				INC											
Shadow Hunters, Hannah, Jenny	1	INC					No								No	
	2	INC														
	3	INC														
Rockin' Robots, Colton, Dakota	1	24	21.45	INC	19.78	21.56	Yes	21.06	22.75	INC	INC			2	Yes	
	2			INC		14.18					20.9	49.31				
	3			15.02		16.41						41.54				
	1															
	2															
	3															

Enter time to complete or INC for incomplete

2014 Maine Robot Track Meet

WALKING

Team Name - And Robot # if more than one in the team	Robot Fit within 15" x 15" square? (Y or N)	Trial 1 Time or INC	Trial 2 Time or INC	Trial 3 Time or INC	Best of three	RANKING	Gold Standard? (20 seconds)
Irobot, Brent	Y	9.59	INC	8.03	8.03	1	Yes
RoboGeeks, Luca, Amanda, Erin	Y	15.19	14.78	12.81	12.81	4	Yes
Rockin' Robots, Rowan	Y	12.65	12.07	12.97	12.07	3	Yes
Edmunds Jets, Hailey & Felicia	Y	18.72	14	13.75	13.75	5	Yes
Patriots, Josh, Tim, Shawn (no show)		INC	INC	INC	99	7	No
Southside Shires I, Hope	Y	12.15	INC	11.87	11.87	2	Yes
Digital Claw I, Isaiah & Craig	Y	INC	INC	50.56	50.56	6	No
					99	7	No
					99	7	No
					99	7	No
					99	7	No
					99	7	No
					99	7	No
					99	7	No
					99	7	No

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 must finish within 60 seconds
- May not be touched by humans
- Robot body must not touch the ground
- Robot may not fall over