

Project 2 - Lego NXT Robot Relay Finals

Recall that Project 1 introduced the Semi-Finals. Here, a team of 3 robots completed a relay race using line-following. The Finals expands on this to include wall-following, obstacle avoidance, and fire-fighting (blowing out a candle).

Notional Finals

Task	Description	Points
1	Robot 1 follows line; taps Robot 2; and Stops	2
2	Robot 2 Starts following a wall divider; makes left turn; taps Robot 3	2
3	Robot 3 Starts moving to dead-end; turns right; and taps Robot 4	2
4	Robot 4 Starts line following; stops and blows out candle	2 + 2 (for candle)
		10 points total

Recall that Projects 1 and 2 account for 20% of the Final Grade. Thus Project 2's team score will your Project 2 grade

Semi-Finals Teams and Standings

Rank	Name	Member 1	Member 2	Member 3
1	Roadkill	Kyle V	Leonard	Erik
2	VIK	Issac	Vladimir	Kyle B
3	Gabriel	Gabriel	Bianca	Drelyn
4	MB	James	Taven	Denisse
4	KAP	Petar	Keane	Aaron
5	Jared	Jared		

Finals Teams (Requires 4 robots – hence 4-person team)

Rank	Name	Member 1	Member 2	Member 3	Member 4
1	Roadkill	Kyle V	Leonard	Erik	
2	VIK	Issac	Vladimir	Kyle B	
3	Gabriel	Gabriel	Bianca	Drelyn	
4	<New>				

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James	Taven	Denisse	Petar	Jared	Keane	Aaron
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