



Los Altos Robotics

Bionic Builders

Coach: Warren Horowitz

FLL #: 231

Times at table	Highest Points	Total Points	Average Points	Improvement
3	104	169	56.3333	80

Challenge Results		Points	Nanotube Strength		Smell			Space Elevator	Stain-Resistant Fabric				Molecular Motor	Self-Assembly	Individual Atom Manipulation		Smart Medicine	Atomic Force Microscopy	Fairness Bonus
			Truck On Lift	Truck And Frame Raised	Molecules On Yellow	Molecules Moved Elsewhere	Molecules Unmoved	Elevator Raised	Dirt Trap In Place	Dirt Dumper Empty	Dirt Pieces In Trap	Dirt Pieces On Table	Molecule In Frame	Segments Raised	Red Atoms Removed	White Atoms Removed	Ball Delivered	Nanotip Unstuck	Kit Used
			400	20	20	2 x 15	2 x 5	2 x 0	40	15	15	8 x 5	8 x 3	40	30	must be N	30 or 40	50	40
Turn 3	Table 1	24					2					8							NXT
Turn 9	Table 2	104			2						8			Y	3	Y			NXT
Turn 15	Table 1	41			1	1					7								NXT

10/15/2006



Los Altos Robotics

DogBots

Coach: Michael Schuh

FLL #: 453

Times at table	Highest Points	Total Points	Average Points	Improvement
4	196	606	151.5	90

Challenge Results		Points	Nanotube Strength		Smell			Space Elevator	Stain-Resistant Fabric				Molecular Motor	Self-Assembly	Individual Atom Manipulation		Smart Medicine	Atomic Force Microscopy	Fairness Bonus
			Truck On Lift	Truck And Frame Raised	Molecules On Yellow	Molecules Moved Elsewhere	Molecules Unmoved	Elevator Raised	Dirt Trap In Place	Dirt Dumper Empty	Dirt Pieces In Trap	Dirt Pieces On Table	Molecule In Frame	Segments Raised	Red Atoms Removed	White Atoms Removed	Ball Delivered	Nanotip Unstuck	Kit Used
			400	20	20	2 x 15	2 x 5	2 x 0	40	15	15	8 x 5	8 x 3	40	30	must be N	30 or 40	50	40
Turn 1	Table 1	106	Y	Y	2				Y		7								NXT
Turn 7	Table 1	159	Y	Y	2				Y		8						Y		NXT
Turn 12	Table 2	196	Y	Y	2			Y			7						Y	Y	NXT
Turn 18	Table 1	145			2			Y	Y	7							Y		NXT

10/15/2006



Los Altos Robotics

Lego Legends

Coach: Gordon Elder

FLL #: 591

Times at table	Highest Points	Total Points	Average Points	Improvement
3	159	471	157.0	0

Challenge Results		Points	Nanotube Strength		Smell			Space Elevator	Stain-Resistant Fabric				Molecular Motor	Self-Assembly	Individual Atom Manipulation		Smart Medicine	Atomic Force Microscopy	Fairness Bonus
			Truck On Lift	Truck And Frame Raised	Molecules On Yellow	Molecules Moved Elsewhere	Molecules Unmoved	Elevator Raised	Dirt Trap In Place	Dirt Dumper Empty	Dirt Pieces In Trap	Dirt Pieces On Table	Molecule In Frame	Segments Raised	Red Atoms Removed	White Atoms Removed	Ball Delivered	Nanotip Unstuck	Kit Used
			400	20	20	2 x 15	2 x 5	2 x 0	40	15	15	8 x 5	8 x 3	40	30	must be N	30 or 40	50	40
Turn 1	Table 2	159	Y	Y	2				Y			8					Y		NXT
Turn 7	Table 2	156	Y	Y	2				Y			7					Y		NXT
Turn 17	Table 2	156	Y	Y	2				Y			7					Y		NXT

10/15/2006



Los Altos Robotics

The Lego Lords

Coach: Laura Fay

FLL #: 1521

Times at table	Highest Points	Total Points	Average Points	Improvement
4	94	297	74.25	10

Challenge Results		Points	Nanotube Strength		Smell			Space Elevator	Stain-Resistant Fabric				Molecular Motor	Self-Assembly	Individual Atom Manipulation		Smart Medicine	Atomic Force Microscopy	Fairness Bonus
			Truck On Lift	Truck And Frame Raised	Molecules On Yellow	Molecules Moved Elsewhere	Molecules Unmoved	Elevator Raised	Dirt Trap In Place	Dirt Dumper Empty	Dirt Pieces In Trap	Dirt Pieces On Table	Molecule In Frame	Segments Raised	Red Atoms Removed	White Atoms Removed	Ball Delivered	Nanotip Unstuck	Kit Used
			400	20	20	2 x 15	2 x 5	2 x 0	40	15	15	8 x 5	8 x 3	40	30	must be N	30 or 40	50	40
Turn 3	Table 2	84	Y	Y	1	1					8								NXT
Turn 8	Table 2	74					2				8						Y		NXT
Turn 13	Table 2	94	Y	Y	2						8								NXT
Turn 18	Table 2	45			2						5								NXT

10/15/2006



Los Altos Robotics

LegoStars

Coach: Thierry Schang

FLL #: 2024

Times at table	Highest Points	Total Points	Average Points	Improvement
3	168	407	135.667	60

Challenge Results	Points	Nanotube Strength		Smell			Space Elevator	Stain-Resistant Fabric				Molecular Motor	Self-Assembly	Individual Atom Manipulation		Smart Medicine	Atomic Force Microscopy	Fairness Bonus
		Truck On Lift	Truck And Frame Raised	Molecules On Yellow	Molecules Moved Elsewhere	Molecules Unmoved	Elevator Raised	Dirt Trap In Place	Dirt Dumper Empty	Dirt Pieces In Trap	Dirt Pieces On Table	Molecule In Frame	Segments Raised	Red Atoms Removed	White Atoms Removed	Ball Delivered	Nanotip Unstuck	Kit Used
		400	20	20	2 x 15	2 x 5	2 x 0	40	15	15	8 x 5	8 x 3	40	30	must be N	30 or 40	50	40
Turn 5	Table 2	108	Y	Y			2				6					Y		NXT
Turn 11	Table 1	131	Y	Y	2						7						Y	NXT
Turn 16	Table 1	168	Y	Y	2			Y	Y		6					Y		NXT

10/15/2006



Los Altos Robotics

Nano Freaks

Coach: Mark Klein

FLL #: 2539

Times at table	Highest Points	Total Points	Average Points	Improvement
2	161	302	151.0	20

Challenge Results		Points	Nanotube Strength		Smell			Space Elevator	Stain-Resistant Fabric				Molecular Motor	Self-Assembly	Individual Atom Manipulation		Smart Medicine	Atomic Force Microscopy	Fairness Bonus
			Truck On Lift	Truck And Frame Raised	Molecules On Yellow	Molecules Moved Elsewhere	Molecules Unmoved	Elevator Raised	Dirt Trap In Place	Dirt Dumper Empty	Dirt Pieces In Trap	Dirt Pieces On Table	Molecule In Frame	Segments Raised	Red Atoms Removed	White Atoms Removed	Ball Delivered	Nanotip Unstuck	Kit Used
			400	20	20	2 x 15	2 x 5	2 x 0	40	15	15	8 x 5	8 x 3	40	30	must be N	30 or 40	50	40
Turn 2	Table 2	141	Y	Y	1	1					7		Y		1				NXT
Turn 9	Table 1	161	Y	Y	2						7		Y		4				NXT

10/15/2006



Los Altos Robotics

Destiny Builders

Coach: Yanjie Dong

FLL #: 2917

Times at table	Highest Points	Total Points	Average Points	Improvement
0		0	0.0	0

10/15/2006



Los Altos Robotics

Lords of the Legos

Coach: Martin Van Ryswyk

FLL #: 3039

Times at table	Highest Points	Total Points	Average Points	Improvement
3	64	183	61.0	6

Challenge Results		Points	Nanotube Strength		Smell			Space Elevator	Stain-Resistant Fabric				Molecular Motor	Self-Assembly	Individual Atom Manipulation		Smart Medicine	Atomic Force Microscopy	Fairness Bonus
			Truck On Lift	Truck And Frame Raised	Molecules On Yellow	Molecules Moved Elsewhere	Molecules Unmoved	Elevator Raised	Dirt Trap In Place	Dirt Dumper Empty	Dirt Pieces In Trap	Dirt Pieces On Table	Molecule In Frame	Segments Raised	Red Atoms Removed	White Atoms Removed	Ball Delivered	Nanotip Unstuck	Kit Used
			400	20	20	2 x 15	2 x 5	2 x 0	40	15	15	8 x 5	8 x 3	40	30	must be N	30 or 40	50	40
Turn 2	Table 1	58	Y	Y			2				6								NXT
Turn 6	Table 2	61	Y	Y			2				7								NXT
Turn 15	Table 2	64	Y	Y			2				8			Y	4				NXT

10/15/2006



Los Altos Robotics

Molecular Mayhem

Coach: Scott Shearer

FLL #: 3064

Times at table	Highest Points	Total Points	Average Points	Improvement
1	43	43	43.0	0

Challenge Results	Points	Nanotube Strength		Smell			Space Elevator	Stain-Resistant Fabric				Molecular Motor	Self-Assembly	Individual Atom Manipulation		Smart Medicine	Atomic Force Microscopy	Fairness Bonus
		Truck On Lift	Truck And Frame Raised	Molecules On Yellow	Molecules Moved Elsewhere	Molecules Unmoved	Elevator Raised	Dirt Trap In Place	Dirt Dumper Empty	Dirt Pieces In Trap	Dirt Pieces On Table	Molecule In Frame	Segments Raised	Red Atoms Removed	White Atoms Removed	Ball Delivered	Nanotip Unstuck	Kit Used
		400	20	2 x 15	2 x 5	2 x 0	40	15	15	8 x 5	8 x 3	40	30	must be N	30 or 40	50	40	20
Turn 14	Table 1	43			2			Y			6							RCX

10/15/2006



Los Altos Robotics

The Bananas

Coach: Pete Pressley

FLL #: 3576

Times at table	Highest Points	Total Points	Average Points	Improvement
4	119	332	83.0	45

Challenge Results		Points	Nanotube Strength		Smell			Space Elevator	Stain-Resistant Fabric				Molecular Motor	Self-Assembly	Individual Atom Manipulation		Smart Medicine	Atomic Force Microscopy	Fairness Bonus
			Truck On Lift	Truck And Frame Raised	Molecules On Yellow	Molecules Moved Elsewhere	Molecules Unmoved	Elevator Raised	Dirt Trap In Place	Dirt Dumper Empty	Dirt Pieces In Trap	Dirt Pieces On Table	Molecule In Frame	Segments Raised	Red Atoms Removed	White Atoms Removed	Ball Delivered	Nanotip Unstuck	Kit Used
			400	20	20	2 x 15	2 x 5	2 x 0	40	15	15	8 x 5	8 x 3	40	30	must be N	30 or 40	50	40
Turn 4	Table 1	74	Y		2						8								NXT
Turn 10	Table 1	109	Y	Y		1	1				8							Y	NXT
Turn 14	Table 2	119	Y	Y	1		1				8							Y	NXT
Turn 19	Table 2	30	Y			2													NXT

10/15/2006



Los Altos Robotics

Electro Monkeys

Coach: Ming Wei

FLL #: 4296

Times at table	Highest Points	Total Points	Average Points	Improvement
2	35	50	25.0	0

Challenge Results		Points	Nanotube Strength		Smell			Space Elevator	Stain-Resistant Fabric				Molecular Motor	Self-Assembly	Individual Atom Manipulation		Smart Medicine	Atomic Force Microscopy	Fairness Bonus
			Truck On Lift	Truck And Frame Raised	Molecules On Yellow	Molecules Moved Elsewhere	Molecules Unmoved	Elevator Raised	Dirt Trap In Place	Dirt Dumper Empty	Dirt Pieces In Trap	Dirt Pieces On Table	Molecule In Frame	Segments Raised	Red Atoms Removed	White Atoms Removed	Ball Delivered	Nanotip Unstuck	Kit Used
			400	20	20	2 x 15	2 x 5	2 x 0	40	15	15	8 x 5	8 x 3	40	30	must be N	30 or 40	50	40
Turn 6	Table 1	35	Y			2					5								NXT
Turn 12	Table 1	15				2					5								NXT

10/15/2006



Los Altos Robotics

Pokebots

Coach: Rick Schneider (Ritu Varma-mgr)

FLL #: 4379

Times at table	Highest Points	Total Points	Average Points	Improvement
3	94	249	83.0	13

Challenge Results		Points	Nanotube Strength		Smell			Space Elevator	Stain-Resistant Fabric				Molecular Motor	Self-Assembly	Individual Atom Manipulation		Smart Medicine	Atomic Force Microscopy	Fairness Bonus
			Truck On Lift	Truck And Frame Raised	Molecules On Yellow	Molecules Moved Elsewhere	Molecules Unmoved	Elevator Raised	Dirt Trap In Place	Dirt Dumper Empty	Dirt Pieces In Trap	Dirt Pieces On Table	Molecule In Frame	Segments Raised	Red Atoms Removed	White Atoms Removed	Ball Delivered	Nanotip Unstuck	Kit Used
			400	20	20	2 x 15	2 x 5	2 x 0	40	15	15	8 x 5	8 x 3	40	30	must be N	30 or 40	50	40
Turn 8	Table 1	81			1	1					7							Y	NXT
Turn 13	Table 1	74	Y	Y		2					8								NXT
Turn 19	Table 1	94	Y	Y	2						8								NXT

10/15/2006



Los Altos Robotics

Tooners

Coach: K.K. Low

FLL #: 4500

Times at table	Highest Points	Total Points	Average Points	Improvement
3	30	75	25.0	6

Challenge Results		Points	Nanotube Strength		Smell			Space Elevator	Stain-Resistant Fabric				Molecular Motor	Self-Assembly	Individual Atom Manipulation		Smart Medicine	Atomic Force Microscopy	Fairness Bonus
			Truck On Lift	Truck And Frame Raised	Molecules On Yellow	Molecules Moved Elsewhere	Molecules Unmoved	Elevator Raised	Dirt Trap In Place	Dirt Dumper Empty	Dirt Pieces In Trap	Dirt Pieces On Table	Molecule In Frame	Segments Raised	Red Atoms Removed	White Atoms Removed	Ball Delivered	Nanotip Unstuck	Kit Used
			400	20	20	2 x 15	2 x 5	2 x 0	40	15	15	8 x 5	8 x 3	40	30	must be N	30 or 40	50	40
Turn 5	Table 1	24				2					8								NXT
Turn 11	Table 2	30				2		Y			5								NXT
Turn 16	Table 2	21				2					7								NXT

10/15/2006



Los Altos Robotics

Gigamites

Coach: Robert Goosey

FLL #: 2270

Times at table	Highest Points	Total Points	Average Points	Improvement
3	117	309	103.0	11

Challenge Results		Points	Nanotube Strength		Smell			Space Elevator	Stain-Resistant Fabric				Molecular Motor	Self-Assembly	Individual Atom Manipulation		Smart Medicine	Atomic Force Microscopy	Fairness Bonus
			Truck On Lift	Truck And Frame Raised	Molecules On Yellow	Molecules Moved Elsewhere	Molecules Unmoved	Elevator Raised	Dirt Trap In Place	Dirt Dumper Empty	Dirt Pieces In Trap	Dirt Pieces On Table	Molecule In Frame	Segments Raised	Red Atoms Removed	White Atoms Removed	Ball Delivered	Nanotip Unstuck	Kit Used
			400	20	20	2 x 15	2 x 5	2 x 0	40	15	15	8 x 5	8 x 3	40	30	must be N	30 or 40	50	40
Turn 4	Table 2	106	Y	Y	2				Y			7							NXT
Turn 10	Table 2	117	Y	Y	2				Y		4	4							NXT
Turn 17	Table 1	86	Y		2				Y			7							NXT

10/15/2006

