



Los Altos Robotics

# Chickened Out

Coach: Tim Smith

FLL #: 229

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	<b>25</b>				<b>2</b>						<b>5</b>							<b>NXT</b>
Turn 12	Table 2	<b>49</b>					<b>2</b>					<b>3</b>						<b>Y</b>	<b>NXT</b>
Turn 18	Table 2	<b>135</b>			<b>2</b>			<b>Y</b>				<b>5</b>					<b>Y</b>		<b>NXT</b>
Turn 23	Table 2	<b>45</b>			<b>2</b>							<b>5</b>							<b>NXT</b>

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# Flaming Ice Cubes

Coach: Diane Silverman

FLL #: 396

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	<b>106</b>	<b>Y</b>	<b>Y</b>	<b>2</b>				<b>Y</b>			<b>7</b>							<b>NXT</b>
Turn 10	Table 2	<b>133</b>	<b>Y</b>	<b>Y</b>		<b>2</b>			<b>Y</b>			<b>6</b>					<b>Y</b>		<b>NXT</b>
Turn 21	Table 2	<b>69</b>					<b>2</b>		<b>Y</b>			<b>8</b>		<b>Y</b>					<b>NXT</b>

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# Storm Runners

Coach: Daphne Luong

FLL #: 565

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 2	<b>24</b>				<b>2</b>					<b>8</b>								<b>RCX</b>
Turn 13	Table 1	<b>24</b>				<b>2</b>					<b>8</b>								<b>RCX</b>
Turn 19	Table 2	<b>74</b>				<b>2</b>					<b>8</b>					<b>Y</b>			<b>RCX</b>

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# TechnoStuds

Coach: Robert Lamm

FLL #: 1482

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	<b>121</b>	Y		<b>2</b>						<b>7</b>						<b>Y</b>		<b>NXT</b>
Turn 11	Table 1	<b>123</b>			<b>1</b>		<b>1</b>				<b>6</b>						<b>Y</b>	<b>Y</b>	<b>NXT</b>
Turn 14	Table 1	<b>135</b>	Y	Y	<b>2</b>						<b>5</b>						<b>Y</b>		<b>NXT</b>
Turn 20	Table 2	<b>224</b>	Y	Y	<b>2</b>			<b>Y</b>			<b>8</b>						<b>Y</b>	<b>Y</b>	<b>NXT</b>

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# LEGOers

Coach: Tom Sartor

FLL #: 1522

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 7	Table 1	<b>35</b>	<b>Y</b>			<b>2</b>					<b>5</b>								<b>NXT</b>
Turn 13	Table 2	<b>55</b>	<b>Y</b>	<b>Y</b>		<b>2</b>					<b>5</b>								<b>NXT</b>
Turn 20	Table 1	<b>185</b>	<b>Y</b>	<b>Y</b>		<b>2</b>	<b>Y</b>				<b>5</b>						<b>Y</b>	<b>Y</b>	<b>NXT</b>

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# Nano Knights

Coach: Mike Murray

FLL #: 3027

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	<b>94</b>	<b>Y</b>	<b>Y</b>	<b>2</b>						<b>8</b>								<b>NXT</b>
Turn 8	Table 2	<b>95</b>	<b>Y</b>			<b>2</b>					<b>5</b>						<b>Y</b>		<b>NXT</b>
Turn 15	Table 1	<b>66</b>			<b>2</b>				<b>Y</b>		<b>7</b>								<b>NXT</b>
Turn 22	Table 1	<b>109</b>	<b>Y</b>	<b>Y</b>	<b>2</b>				<b>Y</b>		<b>8</b>								<b>NXT</b>
Turn 23	Table 1	<b>139</b>	<b>Y</b>	<b>Y</b>	<b>1</b>	<b>1</b>			<b>Y</b>		<b>8</b>							<b>Y</b>	<b>NXT</b>

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# Much Ado About Nano

Coach: Tim Burks & Tod Irwin

FLL #: 3289

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	<b>18</b>					<b>2</b>					<b>6</b>			<b>Y</b>	<b>4</b>			<b>NXT</b>
Turn 12	Table 1	<b>134</b>	<b>Y</b>	<b>Y</b>			<b>2</b>					<b>8</b>				<b>1</b>		<b>Y</b>	<b>NXT</b>
Turn 19	Table 1	<b>88</b>					<b>2</b>					<b>6</b>		<b>Y</b>	<b>Y</b>	<b>2</b>		<b>Y</b>	<b>NXT</b>
Turn 24	Table 2	<b>99</b>	<b>Y</b>				<b>2</b>					<b>3</b>		<b>Y</b>		<b>5</b>			<b>NXT</b>

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# Supersonic Turtles

Coach: Ogen Perry

FLL #: 3345

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	<b>108</b>	<b>Y</b>	<b>Y</b>			<b>2</b>					<b>6</b>					<b>Y</b>		<b>NXT</b>
Turn 10	Table 1	<b>165</b>	<b>Y</b>	<b>Y</b>	<b>2</b>							<b>5</b>		<b>Y</b>			<b>Y</b>		<b>NXT</b>
Turn 17	Table 2	<b>112</b>	<b>Y</b>	<b>Y</b>	<b>2</b>							<b>4</b>		<b>Y</b>					<b>NXT</b>
Turn 21	Table 1	<b>108</b>	<b>Y</b>	<b>Y</b>	<b>1</b>	<b>1</b>						<b>6</b>		<b>Y</b>					<b>NXT</b>

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# Legocy

Coach: Johann Schumann

FLL #: 3577

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	<b>164</b>	<b>Y</b>	<b>Y</b>	<b>2</b>						<b>8</b>					<b>Y</b>		<b>RCX</b>	
Turn 9	Table 1	<b>54</b>			<b>2</b>						<b>8</b>							<b>RCX</b>	
Turn 15	Table 2	<b>30</b>			<b>2</b>													<b>RCX</b>	

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# NanoBots

Coach: Steve Kelem

FLL #: 4185

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	<b>94</b>	<b>Y</b>	<b>Y</b>	<b>2</b>						<b>8</b>								<b>RCX</b>

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# Bobcat

Coach: Ben Hua

FLL #: 4523

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	<b>45</b>	<b>Y</b>		<b>2</b>						<b>5</b>							<b>NXT</b>	
Turn 8	Table 1	<b>66</b>			<b>2</b>			<b>Y</b>			<b>7</b>							<b>NXT</b>	
Turn 14	Table 2	<b>99</b>			<b>2</b>			<b>Y</b>			<b>8</b>					<b>Y</b>		<b>NXT</b>	
Turn 17	Table 1	<b>31</b>			<b>2</b>						<b>7</b>							<b>NXT</b>	
Turn 24	Table 1	<b>31</b>			<b>2</b>						<b>7</b>							<b>NXT</b>	

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# Burger Bots

Coach: Kenneth Gross

FLL #: 4742

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 7	Table 2	<b>19</b>				<b>2</b>						<b>3</b>							<b>RCX</b>
Turn 16	Table 1	<b>12</b>				<b>2</b>						<b>4</b>							<b>RCX</b>

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# Mega Buckyballs

Coach: Lindell Van Dyke

FLL #: 5076

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	<b>24</b>				<b>2</b>					<b>8</b>								<b>RCX</b>
Turn 9	Table 2	<b>168</b>	<b>Y</b>	<b>Y</b>		<b>2</b>					<b>6</b>						<b>Y</b>	<b>Y</b>	<b>RCX</b>
Turn 16	Table 2	<b>104</b>	<b>Y</b>	<b>Y</b>		<b>2</b>					<b>8</b>							<b>Y</b>	<b>RCX</b>

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# SockBots

Coach: James Hinnant (Melissa Lui-mgr)

FLL #: 5200

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	<b>61</b>	<b>Y</b>	<b>Y</b>			<b>2</b>				<b>7</b>								<b>RCX</b>
Turn 11	Table 2	<b>24</b>					<b>2</b>				<b>8</b>								<b>RCX</b>
Turn 18	Table 1	<b>104</b>	<b>Y</b>	<b>Y</b>			<b>2</b>	<b>Y</b>			<b>8</b>								<b>RCX</b>
Turn 22	Table 2	<b>64</b>	<b>Y</b>	<b>Y</b>			<b>2</b>				<b>8</b>								<b>RCX</b>

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