

Final Results for Los Altos Robotics Covington School FLL Local Competition – November 19, 2005

The four teams that qualified for the state competition are as follows: 20,000 Bricks #2889, Chickened Out #2269, LEGOers #1725, and Flying Vikings #4011. This is based on places 1-2 in the Director's Award and ranking in the average of the highest three rounds.

20,000 Bricks		Director's Award
LEGOers	1 st	Innovative Design Award
Chickened Out	2 nd	
Storm Runners	1 st	Programming Award
5Bobcats	2 nd	
LEGOers – 275	1 st	Highest Score Award - Best score during the four rounds.
Lego Population Controllers – 184	2 nd	
LEGOers – 235	1 st	Robot Performance Award - Based on highest three scores during the four rounds.
Flying Vikings – 161	2 nd	
20,000 Bricks	1 st	Research Project Award
Chickened Out	2 nd	
Storm Runners	1 st	Teamwork Award
Chickened Out	2 nd	
5Bobcats		Rookie Team of the Year Award
Y Bots		Against All Odds Award
Michael Corsetto, Tim Burks, Eitan Fenson, Dave Lordemann, & Edmond Macaluso		Outstanding Volunteer Awards
Austin Schuh & Travis Schuh		Outstanding Young Mentor Awards

Scoring details for all of the rounds and summaries for the scores and judging are on the following pages.

Thank you everyone for your part in making this a great competition.

Tim Burks

Covington School Event's Teams					
#	Name	Coach(s) & Managers	School	# & Grade(s)	Year
1023	RoboPups	Lew Yobs	Graham Middle (MV) Covington Ponderos (SV)	4-6th & 1-5th	2
1189	Firebots	Diane Silverman	Almond	4-4th	1
1725	LEGOers	Tom Sartor	Almond & Santa Rita	6-5th	2
2269	Chickened Out	Edmond Macaluso	Covington & Bullis	3-6th & 1-8th	2
2889	20,000 Bricks	Tim Burks	Home School	3-5th & 3-7th	2
2955	Lego Population Controllers	Eric Muller/Melissa Lui	Covington, Nixon (PA), & Home School	5-5th	1
3171	Y Bots	Spencer James/Catharine Kristian	Almond	4-4th & 2-6th	1
3294	Char Zars	James Morrin	Almond	2-4th	1
3493	5Bobcats	Ben Hua/Elizabeth Song	Santa Rita	4-4th & 1-5th	1
3522	StormRunners	Daphne Luong	Almond	6-5th	1
4011	Flying Vikings	John Dilley	Egan, Blach, & Cupertino Middle	3-7th & 1-8th	1

Oak Avenue School Event's Teams					
#	Name	Coach(s) & Managers	School	# & Grade(s)	Year
411	LEGO Legends	Gordon Elder/Linda Runke	Oak & Loyola	4-6th	3
508	DogBots	Michael Schuh & Dave Lordemann	Blach	4-7th	4
1716	Rocking Robotics	Yanjie Dong	Oak	3-5th & 1-4th	2
1998	Tumbling Titanics	Scott Shearer & Mary Beth Pala	Oak & Almond	6-4th	1
2676	Lords of the Legos	Martin Van Ryswyk	Oak	5-5th	1
2828	SEABEES	Suzanne Montgomery	Blach	4-7th	2
3070	Lego Stars	Ragu Bhargava	Oak	4-5th & 2-6th	3
3229	Gadget Group	Mike Murray	International School of the Pen. (PA) & Meyrholz (Cupertino)	3-5th	1
3407	Defy Gravity	Bill Welden	Blach	3-8th	3
3808	Supersonic Turtles	Ogen Perry	Hausner	4-4th	1
3968	AquaBots	Tom Trembois	Springer	4-6th	1
4102	Sea Cucumbers	Vaishali Khandekar	Loyola, Covington & Bullis	2-4th & 2-5th	1

Team Name (FLL#)	Overall Score	Maximum Points	Average Points	Performance Score	Design Innovation	Programming	Research Presentation	Teamwork
	0-1000	0-275	0-275	0-10 / 20%	0-10 / 15%	0-10 / 15%	0-10 / 25%	0-10 / 25%
20,000 Bricks (2889)	796	131	105	3.81	9	9	10	8
Chickened Out (2269)	744	153	143	5.20	9	7	8	8
LEGOers (1725)	585	275	235	8.54	10	6	0	7
5Bobcats (3493)	564	165	151	5.49	9	8	0	8
Storm Runners (3522)	531	131	91	3.30	8	8	0	9
Lego Population Controllers (2955)	443	184	136	4.94	6	7	0	6
Flying Vikings (4011)	442	174	161	5.85	5	5	0	7
Firebots (1189)	434	160	150	5.45	5	5	0	7
RoboPups (1023)	403	77	60	2.18	8	6	0	6
Y Bots (3171)	328	119	87	3.16	6	5	0	4
Char Zars (3294)	63	16	5	0.18	4	0	0	0

Round A			Points	Pipe	Pump	Mapping		Artifacts		Fish		Sub		Reef	Box	Crates	
				Flag Up	Station Protected	Any Flag Up	Flag Rows Up	Off Ship	At Base	Dolphin Touching Blue	Only Grey Fish Moved	On Blue	And Upright	Moved	At Base	On Table	In Base
			400	40	40	30	3 x 15	25	35	25	35	35	40	40	30	8 x 2	8 x 5
1	Table 1	Chickened Out	128			Y		Y		Y				Y		4	
	Table 2	20,000 Bricks	131	Y							Y			Y		8	

2	Table 1	Lego Population Controllers	82			Y								Y		6	
	Table 2	Y Bots	52											Y		6	

3	Table 1	5Bobcats	160	Y		Y	1			Y				Y		5	
	Table 2	Char Zars	0														

4	Table 1	Storm Runners	89								Y			Y		7	
	Table 2	Flying Vikings	40												Y		2

Round B			Points	Pipe	Pump	Mapping		Artifacts		Fish		Sub		Reef	Box	Crates	
				Flag Up	Station Protected	Any Flag Up	Flag Rows Up	Off Ship	At Base	Dolphin Touching Blue	Only Grey Fish Moved	On Blue	And Upright	Moved	At Base	On Table	In Base
			400	40	40	30	3 x 15	25	35	25	35	35	40	40	30	8 x 2	8 x 5
1	Table 1	Char Zars	0														
	Table 2	Y Bots	12													6	

2	Table 1	Storm Runners	52											Y		6	
	Table 2	5Bobcats	92	Y										Y		6	

3	Table 1	Flying Vikings	174		Y	Y				Y				Y	Y	2	1
	Table 2	RoboPups	10													5	

4	Table 1	Firebots	145		Y	Y				Y				Y		5	
	Table 2	LEGOers	155	Y		Y					Y			Y		5	

Round C			Points	Pipe	Pump	Mapping		Artifacts		Fish		Sub		Reef	Box	Crates	
				Flag Up	Station Protected	Any Flag Up	Flag Rows Up	Off Ship	At Base	Dolphin Touching Blue	Only Grey Fish Moved	On Blue	And Upright	Moved	At Base	On Table	In Base
			400	40	40	30	3 x 15	25	35	25	35	35	40	40	30	8 x 2	8 x 5
1	Table 1	RoboPups	77							Y				Y		6	
	Table 2	Storm Runners	131	Y							Y			Y		8	
2	Table 1	Firebots	145		Y	Y				Y				Y		5	
	Table 2	Flying Vikings	167	Y		Y								Y	Y	1	5
3	Table 1	LEGOers	275	Y	Y	Y				Y	Y			Y	Y		7
	Table 2	20,000 Bricks	87								Y			Y		6	
4	Table 1	Chickened Out	153		Y	Y					Y			Y		4	
	Table 2	Lego Population Controllers	144	Y		Y				Y	Y					7	

Round D			Points	Pipe	Pump	Mapping		Artifacts		Fish		Sub		Reef	Box	Crates	
				Flag Up	Station Protected	Any Flag Up	Flag Rows Up	Off Ship	At Base	Dolphin Touching Blue	Only Grey Fish Moved	On Blue	And Upright	Moved	At Base	On Table	In Base
			400	40	40	30	3 x 15	25	35	25	35	35	40	40	30	8 x 2	8 x 5
1	Table 1	Y Bots	92	Y										Y		6	
	Table 2	LEGOers	265	Y	Y	Y				Y	Y			Y	Y		5
2	Table 1	Lego Population Controllers	184	Y		Y				Y	Y			Y		7	
	Table 2	Firebots	160	Y	Y	Y								Y		5	
3	Table 1	Char Zars	16													8	
	Table 2	Chickened Out	111			Y				Y				Y		8	
4	Table 1	20,000 Bricks	76			Y	2									8	
	Table 2	5Bobcats	129	Y		Y									Y	2	5

Round E			Points	Pipe	Pump	Mapping		Artifacts		Fish		Sub		Reef	Box	Crates	
				Flag Up	Station Protected	Any Flag Up	Flag Rows Up	Off Ship	At Base	Dolphin Touching Blue	Only Grey Fish Moved	On Blue	And Upright	Moved	At Base	On Table	In Base
			400	40	40	30	3 x 15	25	35	25	35	35	40	40	30	8 x 2	8 x 5
1	Table 1	RoboPups	35							Y						5	
	Table 2	Chickened Out	150	Y				Y			Y			Y		5	
2	Table 1	20,000 Bricks	99			Y	1							Y		7	
	Table 2	Firebots	116	Y		Y								Y		3	
3	Table 1	LEGOers	165		Y					Y				Y	Y		6
	Table 2	Lego Population Controllers	46			Y										8	
4	Table 1	Y Bots	119	Y						Y				Y		7	
	Table 2	Storm Runners	54											Y		7	
5	Table 1	Flying Vikings	144			Y				Y				Y	Y	2	3
	Table 2	Char Zars	0														
6	Table 1	5Bobcats	165	Y	Y	Y									Y		5
	Table 2	RoboPups	70							Y	Y					5	



Los Altos Robotics

RoboPups

Coach: Lew Yobs

FLL #: 1023

Overall Score	Maximum Points	Average Points	Performance Score	Design Innovation	Programming	Research Presentation	Teamwork
0-1000	0-275	0-275	0-10 / 20%	0-10 / 15%	0-10 / 15%	0-10 / 25%	0-10 / 25%
403	77	60	2.18	8	6	0	6

Challenge Results			Points	Pipe	Pump	Mapping		Artifacts		Fish		Sub		Reef	Box	Crates	
				Flag Up	Station Protected	Any Flag Up	Flag Rows Up	Off Ship	At Base	Dolphin Touching Blue	Only Grey Fish Moved	On Blue	And Upright	Moved	At Base	On Table	In Base
			400	40	40	30	3 x 15	25	35	25	35	35	40	40	30	8 x 2	8 x 5
Round B	Turn 3	Table 2	10													5	
Round C	Turn 1	Table 1	77							Y				Y		6	
Round E	Turn 1	Table 1	35							Y						5	
Round E	Turn 6	Table 2	70							Y	Y					5	

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Firebots

Coach: Diane Silverman

FLL #: 1189

Overall Score	Maximum Points	Average Points	Performance Score	Design Innovation	Programming	Research Presentation	Teamwork
0-1000	0-275	0-275	0-10 / 20%	0-10 / 15%	0-10 / 15%	0-10 / 25%	0-10 / 25%
434	160	150	5.45	5	5	0	7

Challenge Results			Points	Pipe	Pump	Mapping		Artifacts		Fish		Sub		Reef	Box	Crates	
				Flag Up	Station Protected	Any Flag Up	Flag Rows Up	Off Ship	At Base	Dolphin Touching Blue	Only Grey Fish Moved	On Blue	And Upright	Moved	At Base	On Table	In Base
			400	40	40	30	3 x 15	25	35	25	35	35	40	40	30	8 x 2	8 x 5
Round B	Turn 4	Table 1	145		Y	Y				Y			Y			5	
Round C	Turn 2	Table 1	145		Y	Y				Y			Y			5	
Round D	Turn 2	Table 2	160	Y	Y	Y							Y			5	
Round E	Turn 2	Table 2	116	Y		Y							Y			3	

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LEGOers

Coach: Tom Sartor

FLL #: 1725

Overall Score	Maximum Points	Average Points	Performance Score	Design Innovation	Programming	Research Presentation	Teamwork
0-1000	0-275	0-275	0-10 / 20%	0-10 / 15%	0-10 / 15%	0-10 / 25%	0-10 / 25%
585	275	235	8.54	10	6	0	7

Challenge Results			Points	Pipe	Pump	Mapping		Artifacts		Fish		Sub		Reef	Box	Crates	
				Flag Up	Station Protected	Any Flag Up	Flag Rows Up	Off Ship	At Base	Dolphin Touching Blue	Only Grey Fish Moved	On Blue	And Upright	Moved	At Base	On Table	In Base
			400	40	40	30	3 x 15	25	35	25	35	35	40	40	30	8 x 2	8 x 5
Round B	Turn 4	Table 2	155	Y		Y					Y			Y		5	
Round C	Turn 3	Table 1	275	Y	Y	Y				Y	Y			Y	Y		7
Round D	Turn 1	Table 2	265	Y	Y	Y				Y	Y			Y	Y		5
Round E	Turn 3	Table 1	165		Y					Y				Y	Y		6

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Chickened Out

Coach: Edmond Macaluso

FLL #: 2269

Overall Score	Maximum Points	Average Points	Performance Score	Design Innovation	Programming	Research Presentation	Teamwork
0-1000	0-275	0-275	0-10 / 20%	0-10 / 15%	0-10 / 15%	0-10 / 25%	0-10 / 25%
744	153	143	5.20	9	7	8	8

Challenge Results			Points	Pipe	Pump	Mapping		Artifacts		Fish		Sub		Reef	Box	Crates	
				Flag Up	Station Protected	Any Flag Up	Flag Rows Up	Off Ship	At Base	Dolphin Touching Blue	Only Grey Fish Moved	On Blue	And Upright	Moved	At Base	On Table	In Base
			400	40	40	30	3 x 15	25	35	25	35	35	40	40	30	8 x 2	8 x 5
Round A	Turn 1	Table 1	128			Y		Y		Y			Y			4	
Round C	Turn 4	Table 1	153		Y	Y				Y			Y			4	
Round D	Turn 3	Table 2	111			Y				Y			Y			8	
Round E	Turn 1	Table 2	150	Y				Y		Y			Y			5	

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Lego Population Controllers

Coach: Eric Muller / Melissa Lui

FLL #: 2955

Overall Score	Maximum Points	Average Points	Performance Score	Design Innovation	Programming	Research Presentation	Teamwork
0-1000	0-275	0-275	0-10 / 20%	0-10 / 15%	0-10 / 15%	0-10 / 25%	0-10 / 25%
443	184	136	4.94	6	7	0	6

Challenge Results			Points	Pipe	Pump	Mapping		Artifacts		Fish		Sub		Reef	Box	Crates	
				Flag Up	Station Protected	Any Flag Up	Flag Rows Up	Off Ship	At Base	Dolphin Touching Blue	Only Grey Fish Moved	On Blue	And Upright	Moved	At Base	On Table	In Base
			400	40	40	30	3 x 15	25	35	25	35	35	40	40	30	8 x 2	8 x 5
Round A	Turn 2	Table 1	82			Y								Y		6	
Round C	Turn 4	Table 2	144	Y		Y				Y	Y					7	
Round D	Turn 2	Table 1	184	Y		Y				Y	Y			Y		7	
Round E	Turn 3	Table 2	46			Y										8	

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Y Bots

Coach: Spencer James
FLL #: 3171

Overall Score	Maximum Points	Average Points	Performance Score	Design Innovation	Programming	Research Presentation	Teamwork
0-1000	0-275	0-275	0-10 / 20%	0-10 / 15%	0-10 / 15%	0-10 / 25%	0-10 / 25%
328	119	87	3.16	6	5	0	4

Challenge Results			Points	Pipe	Pump	Mapping		Artifacts		Fish		Sub		Reef	Box	Crates	
				Flag Up	Station Protected	Any Flag Up	Flag Rows Up	Off Ship	At Base	Dolphin Touching Blue	Only Grey Fish Moved	On Blue	And Upright	Moved	At Base	On Table	In Base
			400	40	40	30	3 x 15	25	35	25	35	35	40	40	30	8 x 2	8 x 5
Round A	Turn 2	Table 2	52											Y		6	
Round B	Turn 1	Table 2	12													6	
Round D	Turn 1	Table 1	92	Y										Y		6	
Round E	Turn 4	Table 1	119	Y						Y				Y		7	

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Char Zars

Coach: James Morrin

FLL #: 3294

Overall Score	Maximum Points	Average Points	Performance Score	Design Innovation	Programming	Research Presentation	Teamwork
0-1000	0-275	0-275	0-10 / 20%	0-10 / 15%	0-10 / 15%	0-10 / 25%	0-10 / 25%
63	16	5	0.18	4	0	0	0

Challenge Results			Points	Pipe	Pump	Mapping		Artifacts		Fish		Sub		Reef	Box	Crates	
				Flag Up	Station Protected	Any Flag Up	Flag Rows Up	Off Ship	At Base	Dolphin Touching Blue	Only Grey Fish Moved	On Blue	And Upright	Moved	At Base	On Table	In Base
			400	40	40	30	3 x 15	25	35	25	35	35	40	40	30	8 x 2	8 x 5
Round A	Turn 3	Table 2	0														
Round B	Turn 1	Table 1	0														
Round D	Turn 3	Table 1	16													8	
Round E	Turn 5	Table 2	0														

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5Bobcats

Coach: Ben Hua / Elizabeth Song
FLL #: 3493

Overall Score	Maximum Points	Average Points	Performance Score	Design Innovation	Programming	Research Presentation	Teamwork
0-1000	0-275	0-275	0-10 / 20%	0-10 / 15%	0-10 / 15%	0-10 / 25%	0-10 / 25%
564	165	151	5.49	9	8	0	8

Challenge Results			Points	Pipe	Pump	Mapping		Artifacts		Fish		Sub		Reef	Box	Crates	
				Flag Up	Station Protected	Any Flag Up	Flag Rows Up	Off Ship	At Base	Dolphin Touching Blue	Only Grey Fish Moved	On Blue	And Upright	Moved	At Base	On Table	In Base
			400	40	40	30	3 x 15	25	35	25	35	35	40	40	30	8 x 2	8 x 5
Round A	Turn 3	Table 1	160	Y		Y	1			Y			Y			5	
Round B	Turn 2	Table 2	92	Y									Y			6	
Round D	Turn 4	Table 2	129	Y		Y									Y	2	5
Round E	Turn 6	Table 1	165	Y	Y	Y									Y		5

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Storm Runners

Coach: Daphne Luong

FLL #: 3522

Overall Score	Maximum Points	Average Points	Performance Score	Design Innovation	Programming	Research Presentation	Teamwork
0-1000	0-275	0-275	0-10 / 20%	0-10 / 15%	0-10 / 15%	0-10 / 25%	0-10 / 25%
531	131	91	3.30	8	8	0	9

Challenge Results			Points	Pipe	Pump	Mapping		Artifacts		Fish		Sub		Reef	Box	Crates	
				Flag Up	Station Protected	Any Flag Up	Flag Rows Up	Off Ship	At Base	Dolphin Touching Blue	Only Grey Fish Moved	On Blue	And Upright	Moved	At Base	On Table	In Base
			400	40	40	30	3 x 15	25	35	25	35	35	40	40	30	8 x 2	8 x 5
Round A	Turn 4	Table 1	89								Y			Y		7	
Round B	Turn 2	Table 1	52											Y		6	
Round C	Turn 1	Table 2	131	Y							Y			Y		8	
Round E	Turn 4	Table 2	54											Y		7	

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Flying Vikings

Coach: John Dilley

FLL #: 4011

Overall Score	Maximum Points	Average Points	Performance Score	Design Innovation	Programming	Research Presentation	Teamwork
0-1000	0-275	0-275	0-10 / 20%	0-10 / 15%	0-10 / 15%	0-10 / 25%	0-10 / 25%
442	174	161	5.85	5	5	0	7

Challenge Results			Points	Pipe	Pump	Mapping		Artifacts		Fish		Sub		Reef	Box	Crates	
				Flag Up	Station Protected	Any Flag Up	Flag Rows Up	Off Ship	At Base	Dolphin Touching Blue	Only Grey Fish Moved	On Blue	And Upright	Moved	At Base	On Table	In Base
			400	40	40	30	3 x 15	25	35	25	35	35	40	40	30	8 x 2	8 x 5
Round A	Turn 4	Table 2	40												Y		2
Round B	Turn 3	Table 1	174		Y	Y				Y				Y	Y	2	1
Round C	Turn 2	Table 2	167	Y		Y								Y	Y	1	5
Round E	Turn 5	Table 1	144			Y				Y				Y	Y	2	3

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20,000 Bricks

Coach: Tim Burks / Tod Irwin
FLL #: 2889

Overall Score	Maximum Points	Average Points	Performance Score	Design Innovation	Programming	Research Presentation	Teamwork
0-1000	0-275	0-275	0-10 / 20%	0-10 / 15%	0-10 / 15%	0-10 / 25%	0-10 / 25%
796	131	105	3.81	9	9	10	8

Challenge Results			Points	Pipe	Pump	Mapping		Artifacts		Fish		Sub		Reef	Box	Crates	
				Flag Up	Station Protected	Any Flag Up	Flag Rows Up	Off Ship	At Base	Dolphin Touching Blue	Only Grey Fish Moved	On Blue	And Upright	Moved	At Base	On Table	In Base
			400	40	40	30	3 x 15	25	35	25	35	35	40	40	30	8 x 2	8 x 5
Round A	Turn 1	Table 2	131	Y							Y			Y		8	
Round C	Turn 3	Table 2	87								Y			Y		6	
Round D	Turn 4	Table 1	76			Y	2									8	
Round E	Turn 2	Table 1	99			Y	1							Y		7	

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