Popsicle Stick Bridge Competition 2019 - Final Results

Hosted by ASCE Los Angeles Section Younger Member Forum | Hosted at California State Polytechnic University, Pomona   **Saturday, March 23, 2019**

Code	Rotation	School Name	Team Name	Mat./Constr.	Dimension	Plagiarism	Workmanship 10	Display 15	Presentation 15	Impromptu 15	Loading 20	Report 25	Total 100	Overall Rank
		School Information			Penalties									
LAAH1	GREEN 1	Arleta High School	Egyptians	0	0	No	9.40	14.10	15.00	15.00	19.60	21.50	94.60	1
LAAH2	RED 1	Arleta High School	Mustangs	0	0	No	9.60	14.70	11.70	7.80	19.20	22.00	85.00	2
LAAH3	BLUE 2	Arleta High School	Mayans	0	0	No	9.00	14.40	12.60	8.40	20.00	20.00	84.40	3
LARC2	RED 5	Ramon Cortines School of Visual and P	Willy Wonka's Bridge Factory	0	0	No	6.80	13.50	9.60	8.40	17.20	24.50	80.00	4
LASA2	GREEN 8	STEM Academy of Hollywood	STEM Academy of Hollywood Team 2	0	0	No	7.60	10.50	14.70	10.50	13.60	23.00	79.90	5
OCSH3	YELLOW 8	Sonora High School	Sonora High School Team 3	0	0	No	5.80	15.00	12.30	14.70	16.00	16.00	79.80	6
LAFB2	YELLOW 2	Francisco Bravo Medical Magnet High	Team B	0	0	No	9.00	11.70	11.70	6.60	15.60	24.00	78.60	7
LAFB3	RED 2	Francisco Bravo Medical Magnet High	Team Floyd 2	0	0	No	8.60	13.50	9.30	8.10	15.20	22.50	77.20	8
OCAB1	YELLOW 1	Arnold O. Beckman High School	Bridging It All Together	0	0	No	8.00	12.30	13.80	12.30	12.80	17.50	76.70	9
LARC3	GREEN 5	Ramon Cortines School of Visual and P	Big Bridge Energy	0	0	No	7.20	12.60	10.20	13.20	18.80	14.00	76.00	10
LARC5	YELLOW 6	Ramon Cortines School of Visual and P	Dynamites	0	0	No	8.80	9.90	8.70	12.60	12.40	23.00	75.40	11
LAFB1	BLUE 3	Francisco Bravo Medical Magnet High	Heroes for Hire	0	0	No	7.80	6.30	13.50	10.50	11.60	25.00	74.70	12
OCMV1	RED 4	Mission Viejo High School	Bridge Squad	0	0	No	10.00	12.90	9.60	8.40	14.40	19.00	74.30	13
LASA3	BLUE 8	STEM Academy of Hollywood	STEM Academy of Hollywood Team 3	0	0	No	6.00	7.50	8.10	14.40	18.00	17.50	71.50	14
LAFB4	GREEN 4	Francisco Bravo Medical Magnet High	Avatar	0	-10	No	6.40	6.60	14.40	13.20	18.40	20.00	69.00	15
OCMV4	BLUE	Mission Viejo High School	PKDD Bridge	0	0	No	5.40	10.50	13.80	8.40	14.80	15.50	68.40	16
OCET3	RED 6	El Toro High	Ford Fiesta	0	0	No	4.80	12.00	7.80	11.70	10.40	21.00	67.70	17
LASA1	BLUE 7	STEM Academy of Hollywood	STEM Academy of Hollywood Team 1	0	0	No	5.60	9.00	11.10	13.20	14.00	13.50	66.40	18
LARC4	YELLOW 5	Ramon Cortines School of Visual and P	The A Plus Truss Bridge	0	0	No	6.40	7.20	10.80	11.70	16.80	11.50	64.40	19
LARC1	BLUE 5	Ramon Cortines School of Visual and P	Ms. Costo's Besties	0	0	No	8.00	11.40	7.50	7.20	17.60	12.50	64.20	20
LASA4	RED 7	STEM Academy of Hollywood	STEM Academy of Hollywood Team 4	0	0	No	5.00	9.60	11.40	8.40	10.00	19.00	63.40	21
OCET1	GREEN 3	El Toro High	Holy Nights of Ford	0	0	No	8.00	12.90	12.60	12.90	16.40	0.50	63.30	22
LAAP1	BLUE 1	Alliance Piera Barbaglia Shaheen Healt	Alliance Piera Barbaglia Team 1	0	0	No	6.20	10.50	6.90	7.50	12.00	0.50	43.60	23
LARS1	YELLOW 7	Ramona Convent Secondary School	Doomsdale	0	-10	No	9.80	7.50	7.20	11.40	0.40	17.00	43.30	24
OCMV3	YELLOW	Mission Viejo High School	Supported Overpass	0	0	No	4.00	6.00	6.30	0.30	11.20	15.00	42.80	25
LARS2	GREEN 6	Ramona Convent Secondary School	Ramona Convent Team 2	0	-10	No	4.20	9.90	12.60	13.20	0.40	12.00	42.30	26
OCMV2	GREEN 4	Mission Viejo High School	Team #2	0	-10	No	4.40	6.60	6.60	8.40	13.20	12.50	41.70	27
OCAB2	GREEN 2	Arnold O. Beckman High School	The Beckman Trolls	0	-10	No	7.20	9.00	8.40	6.90	0.40	18.50	40.40	28
OCET2	RED 8	El Toro High	Build Ford Tough	0	0	No	4.40	7.50	6.00	10.20	10.80	0.50	39.40	29
OCSH2	BLUE 6	Sonora High School	Sonora High School Team 2	1	0	No	3.80	5.70	10.50	11.10	0.00	0.50	31.60	30
LAGH2	BLUE 4	Gabrielino High School	Gabrielino High School Team 2	0	-20	No	6.80	8.70	9.00	0.30	0.40	16.00	21.20	31
LAGH1	YELLOW 3	Gabrielino High School	Gabrielino High School Team 1	1	-20	No	5.20	7.50	5.70	0.30	0.40	14.50	13.20	32
LAPA1	DNS	Palmdale Aerospace Academy	Palmdale Aerospace Academy Team 1	Not Checked	0	No	0.20	0.30	0.30	0.30	0.40	2.50	4.00	33
LARS3	DNS	Ramona Convent Secondary School	Ramona Convent Team 3	Not Checked	0	No	0.20	0.30	0.30	0.30	0.40	2.50	4.00	33
OCET4	DNS	El Toro High	El Toro High Team 4	Not Checked	0	No	0.20	0.30	0.30	0.30	0.40	2.50	4.00	33
OCKH1	DNS	Katella High School	Katella High School Team 1	Not Checked	0	No	0.20	0.30	0.30	0.30	0.40	2.50	4.00	33
OCKH2	DNS	Katella High School	Katella High School Team 2	Not Checked	0	No	0.20	0.30	0.30	0.30	0.40	2.50	4.00	33
OCSH1	DNS	Sonora High School	Sonora High School Team 1	Not Checked	0	No	0.20	0.30	0.30	0.30	0.40	2.50	4.00	33
OCSH4	DNS	Sonora High School	Sonora High School Team 4	Not Checked	0	No	0.20	0.30	0.30	0.30	0.40	2.50	4.00	33
PSBC40	DNS			Not Checked	0	No	0.20	0.30	0.30	0.30	0.40	2.50	4.00	33
PSBC41	DNS			Not Checked	0	No	0.20	0.30	0.30	0.30	0.40	2.50	4.00	33
PSBC42	DNS			Not Checked	0	No	0.20	0.30	0.30	0.30	0.40	2.50	4.00	33
PSBC43	DNS			Not Checked	0	No	0.20	0.30	0.30	0.30	0.40	2.50	4.00	33
PSBC44	DNS			Not Checked	0	No	0.20	0.30	0.30	0.30	0.40	2.50	4.00	33
PSBC45	DNS			Not Checked	0	No	0.20	0.30	0.30	0.30	0.40	2.50	4.00	33
PSBC46	DNS			Not Checked	0	No	0.20	0.30	0.30	0.30	0.40	2.50	4.00	33
PSBC47	DNS			Not Checked	0	No	0.20	0.30	0.30	0.30	0.40	2.50	4.00	33
PSBC48	DNS			Not Checked	0	No	0.20	0.30	0.30	0.30	0.40	2.50	4.00	33
PSBC49	DNS			Not Checked	0	No	0.20	0.30	0.30	0.30	0.40	2.50	4.00	33
PSBC50	DNS			Not Checked	0	No	0.20	0.30	0.30	0.30	0.40	2.50	4.00	33

Overall Winner - Outstanding Team Award

Rank	Code	School Name	Team Name	Possible Errors
1	LAAH1	Arleta High School	Egyptians	Duplicate Winner
2	LAAH2	Arleta High School	Mustangs	Duplicate Winner
3	LAAH3	Arleta High School	Mayans	Duplicate Winner

Individual Category Winner - Workmanship

Rank	Code	School Name	Team Name	Possible Errors
1	OCMV1	Mission Viejo High School	Bridge Squad	None
2	LARS1	Ramona Convent Secondary School	Doomsdale	None
3	LAAH2	Arleta High School	Mustangs	Duplicate Winner

Individual Category Winner - Presentation (Display and Oral Presentation)

Rank	Code	School Name	Team Name	Possible Errors
1	LAAH1	Arleta High School	Egyptians	Duplicate Winner
2	OCSH3	Sonora High School	Sonora High School Team 3	Duplicate Winner
3	LAAH3	Arleta High School	Mayans	Duplicate Winner

Individual Category Winner - Impromptu

Rank	Code	School Name	Team Name	Possible Errors
1	LAAH1	Arleta High School	Egyptians	Duplicate Winner
2	OCSH3	Sonora High School	Sonora High School Team 3	Duplicate Winner
3	LASA3	STEM Academy of Hollywood	STEM Academy of Hollywood Team 3	None

Individual Category Winner - Strength and Effcientcy (Loading)

Rank	Code	School Name	Team Name	Possible Errors
1	LAAH3	Arleta High School	Mayans	Duplicate Winner
2	LAAH1	Arleta High School	Egyptians	Duplicate Winner
3	LAAH2	Arleta High School	Mustangs	Duplicate Winner

Individual Category Winner - Techincal Report

Rank	Code	School Name	Team Name	Possible Errors
1	LAFB1	Francisco Bravo Medical Magnet High	Heroes for Hire	None
2	LARC2	Ramon Cortines School of Visual and P	Willy Wonka's Bridge Factory	None
3	LAFB2	Francisco Bravo Medical Magnet High	Team B	None

PSBC 2019 Welcome

Welcome to the 25th Annual Popsicle Stick Bridge Competition (PSBC). For the past twenty five years the Younger Member Forums of the Los Angeles Section of the American Society of Civil Engineers (ASCE), with the help of other engineering organizations and support from the local engineering community, has been organizing this annual event for high school students. On behalf of the PSBC Committee, best of luck to you and your team!
Sincerely,
Your 2019 Popsicle Stick Bridge Chairs
Ryan Condol and Amit Joshi, Metropolitan Los Angeles Younger Member Forum

Scoring Summary

Inividual Categories	Point Values
Individual Category - Workmanship	10 points
Individual Category - Presentation (Display)	15 points
Individual Category - Presentation (Oral Presentation)	15 points
Individual Category - Impromptu	15 points
Individual Category Winner - Strength and Effciency (Loading)	20 points
Individual Category Winner - Techinical Report	25 points
Overall Winner - Outstanding Team Total	100 points

General Competition Rules

- Popsicle Bridges, Reports and Displays found in violation of any of the rules from the Offical Contestant Handbook will be assigned a penalty as described in the "Rule Violation" Section of the Rules Handbook.
- If there are egregious violations of the rules, the judges reserve the right to disqualify a team, or award zero points in any category.
- Plagiarism of any kind will not be tolerated. All teams identified to have similar or the same Technical Reports and Displays will be disqualified without any discretion.
- All conflicts will be resolved by the Category Lead Judge Coordinators and the Head Judge.
- The Head Judge's decisions are final.

General Scoring Rules

- Score are assigned by individual judges and comply to an universal standard of judging and scoring.
- All individual scores are overseen by Category Lead Judge Coordinators.
- All decisions and scores determined by the Head Judge are final in all circumstances.
- *Outstanding Team Winner Tie-Breakers: Highest individual category score.*
- *Individual Category Winner Tie-Breakers: Highest individual Judges score.*

Scoring and Judging Review

Scoring and Judging sheets have been reviewed by the 2019 PSBC Head Judge, Matthew Jacobson.
For questions or concerns about scores, please contact Matthew Jacobson at mbjacobson@cpp.edu.