

2010 OEF Engineering Fair Winners

2010 OEF Engineering Fair Winners				
Wacky Wonder Works				
	<i>School</i>	<i>Teacher</i>	<i>Students</i>	<i>Total Points</i>
First Place	Dover School	Valerie Schamburg	Jake T., Drew D., Corey G., Hilda G., Sierra T., Cindy V.	76 Points
Second Place	Homeschool Student	Diane Sheppard	Andrew R., Nathan S.	60 Points
Third Place	Harrah Middle School	Marlene Grayson	Holden H., Landen P., Ryan R., Rylan B.	47 Points
Most Innovative	Sayre High School	Jennifer Crabb	Caleb R.	Use of marble activated motor
Technical Achievement	Oklahoma Christian School	Maria Lux	Ben W., Alexander H., Weston G.	Use of suspended magnet
Most Wacky	Yukon High School 9-10	Jason Atha	Connor H., Braden B., Austin B., Beverly C., Jennifer S., Scott W.	
Honorable Mentions	Cushing Middle School	Brad Hawkins	Mason R., Kaitlyn Hall	Highest number of actions that did not complete
Eiffel Tower Contest				
				<i>Total Height</i>
First Place	Rush Springs High School	Kathy Cloud	Brenna S., Allyson M.	6 ft 10 in
Second Place	Rush Springs High School	Kathy Cloud	Shelby N., Summer F.	6 ft 7 in
Third Place	Rush Springs Middle School	Cheryl Rolin	Ryan P., Casey H.	6 ft 3 in
Rubber Band Powered Vehicle Contest				
				<i>Distance</i>
First Place	Chamberlain Middle School	Rani Smith	Holly H.	55 ft 8 in
Second Place	Mustang Middle School	Ivy Riggs	Nicole G.	52 ft 10 in
Third Place	Irving Middle School	Mary Lee	Danata W.	44 ft 10 in
Bridge Building Contest				
				<i>Weight Held</i>
First Place	Chamberlain Middle School	Rani Smith	Hunter K	147 lbs
Second Place	Pawnee Middle School	Joyce Cheatham	Quinton G., Jon M.	95 lbs
Third Place	St. Catherine School	Karen Osborn	Mary C.	91 lbs
Ping Pong Ball Launcher Contest				
				<i>Total Points</i>
First Place	Westminister School	David Evans	Jordan H.	1080
Second Place	Stillwater Junior High	Debbie Gurley	Curtis C., Trevor W.	980
Third Place	Stillwater Junior High	Debbie Gurley	Chase F., Garrett W.	970

Oklahoma Engineering Foundation Engineering Fair Contest Facts

Bridge Building	2010 Facts	2009 Facts	2008 Facts	2007 Facts
Number of Entries Preregistered	82	75	100	101
On Site Registrations	0	5	8	1
Number of Actual Entries on Day of Fair	28	41	58	58
Number of Disqualified Entries	6		16	
Bridges Holding 1-4 pounds	10	0	9	10
Bridges Holding 5-9 pounds	2	11	13	14
Bridges Holding 10-19 pounds	4	11	13	10
Bridges Holding 20-29 pounds	4	4	9	10
Bridges Holding 30-39 pounds	2	1	4	5
Bridges Holding 40-49 pounds	2	2	2	4
Bridges Holding 50-59 pounds	3	2	2	1
Bridges Holding 60-69 pounds	1	1	1	0
Bridges Holding 70-79 pounds	1	0	0	1
Bridges Holding 80-89 pounds	1	0	0	1
Bridges Holding 90-99 pounds	2	1	0	0
Bridges Holding 100-109 pounds	0	2	1	1
Bridges Holding 110-119 pounds	0	0	1	1
Bridges Holding 120-129 pounds	0	2	0	0
Bridges Holding 140-149 pounds	1			
Bridges Holding 150-159 pounds		1	1	
Bridges Holding 180-189 pounds		1		
Bridges Holding 190-199 pounds		0	1	
Average Weight Held (pounds)	31.35294 pounds	36.7561 pounds	26.57895 pounds	22.64 pounds
Median Weight Held (pounds)	21 pounds	17 pounds	14 pounds	13.5 pounds

Oklahoma Engineering Foundation Engineering Fair Contest Facts

Eiffel Tower

Number of Entries Preregistered	113	103	112	95
On Site Registrations	0	5	4	9
Number of Actual Entries on Day of Fair	46	55	57	47
Height of 0 feet 0 inches	18	24	34	26
Height of 0 feet 1 inch to 0 feet 11.99 inches	9	21	9	4
Height of 1 foot - 1 feet 11.99 inches	5	3	4	7
Height of 2 feet - 2 feet 11.99 inches	7	2	6	8
Height of 3 feet - 3 feet 11.99 inches	2	0	2	1
Height of 4 feet - 4 feet 11.99 inches	1	0	2	0
Height of 5 feet - 5 feet 11.99 inches		2	0	1
Height of 6 feet - 6 feet 11.99 inches	4	1		
Height of 7 feet - 7 feet 11.99 inches		3		
Average Height	1.446 Feet	1.0139 Feet	0.7555 Feet	1.1667 Feet
Median Height	0.5625 Feet			

Oklahoma Engineering Foundation Engineering Fair Contest Facts

Ping Pong Ball Launcher

Number of Entries Preregistered	142	138	169	172
On Site Registrations	4	10	7	8
Number of Actual Entries on Day of Fair	99	124	125	149
Number of Entries with 0 points	30	28	23	40
Number of Entries with 20 points	0	0	0	12
Number of Entries with 30 points	8	8	9	8
Number of Entries with 40 points	4	0	0	2
Number of Entries with 50 points		11	6	17
Number of Entries with 60 points	1	6	4	2
Number of Entries with 70 points		0	0	9
Number of Entries with 80 points	1	2	5	4
Number of Entries with 90 points	1	1		
Number of Entries with 100 points	2	2	1	3
Number of Entries between 110-190 points	16	17	15	17
Number of Entries between 200-290 points	15	16	16	14
Number of Entries between 300-390 points	9	8	11	11
Number of Entries between 400-490 points	6	8	6	2
Number of Entries between 500-590 points	1	4	7	3
Number of Entries between 600-690 points		2	2	3
Number of Entries between 700-790 points	1	0	2	1
Number of Entries between 800-890 points		3	3	1
Number of Entries between 900-990 points	3	1	5	
Number of Entries between 1000-1090 points	1	5	2	
Number of Entries between 1100-1190 points		0	3	
Number of Entries between 1400-1490 points		1		
Number of Entries between 1500-1590 points		1		
Average Score	182.73 Points	233.59 Points	268.64 Points	125 Points
Median Point Score	130 Points	110 Points	160 Points	50 Points

Oklahoma Engineering Foundation Engineering Fair Contest Facts

Rubber Band Powered Vehicle

Number of Entries Preregistered	96	96	108	119
On Site Registrations	0	1	6	3
Number of Actual Entries on Day of Fair	54	62	67	64
Distance of 0 feet 0 inches	1	3	4	7
Distance of 1 inch - 11 inches	2			
Distance of 1 feet - 4 feet 11 inches	11	9	13	10
Distance of 5 feet - 9 feet 11 inches	13	18	15	16
Distance of 10 feet - 14 feet 11 inches	12	14	12	11
Distance of 15 feet - 19 feet 11 inches	6	4	7	5
Distance of 20 feet - 24 feet 11 inches	3	6	4	3
Distance of 25 feet - 29 feet 11 inches	1	1	6	2
Distance of 30 feet - 34 feet 11 inches		1	1	2
Distance of 35 feet - 39 feet 11 inches	2	2	1	3
Distance of 40 feet - 44 feet 11 inches	1	2	1	4
Distance of 45 feet - 49 feet 11 inches		2	1	0
Distance of 50 feet - 54 feet 11 inches	1	0	1	1
Distance of 55 feet - 59 feet 11 inches	1	0	1	
Distance of 70 feet - 74 feet 11 inches		1		
Average Distance	13.04166 Feet	13.97043 Feet	13.81987 feet	13' 9"
Median Distance	10.083 Feet	11 Feet	12.25 feet	