

## 2026 WESO Event Score Data Summary.

The Science Olympiad and WESO are devoted to improving the quality of science education, increasing student interest in science, and providing recognition for outstanding achievement in science education. Our primary goals are for the students to learn and have fun.

The WESO board recognizes, however, that some level of feedback on placement is helpful to all schools, not just those that earned medals. We have provided placements to each school through Avogadro. Additionally, we are providing some information on the scoring for the individual events (average score, winning score, 5th place score - etc; NOT individual team scores). We expect this may be more useful for building type events than test events (i.e., it is better to know what the winning Aerodynamics score was than the Feathered Friends score, as the former metric might be used again and the latter is very dependent on actual test questions).

We hope to see you all again for WESO 2027!

<b>2nd grade</b>	Aerodynamics	Feathered Friends	iRobot	Mystery Architecture	On Target	Pasta Bridges	Pentathlon	Read It, Build It	The Human Machine	What Went By	Zip-It*
Average	13.9	26	29	583	448	50	319	41.9	57.4	28.5	11.5
Median	13.5	27	31	544	249	31	319	44.3	55.0	29.1	11.5
Std. Dev.	4.6	4	7.4	272	668	50	113	8.7	18.7	7.7	6.5
Winning Score	23.0	30	41	1162	39	145	153	52.3	84.0	38	1 (0.030s)
5th Place	18.1	29	35.2	851	67	106	232	49.3	67.0	34	5 (0.257s)
Honorable Mention Cutoff	16.5	28	33.2	656	101	77	262	45.2	55	29.1	8 (0.870 s)

Target time=4.2 s

<b>3rd grade</b>	Aerodynamics	Feathered Friends	iRobot	Mystery Architecture	On Target	Pasta Bridges	Pentathlon	Read It, Build It	The Human Machine	What Went By	Zip-It*
Average	16.0	21	32	690	590	68	302	49.0	57.6	31	12
Median	15.1	22	33	655	238	58	272	51.3	56.5	32.3	12
Std. Dev.	3.5	5	5	189	776	58	112	8.6	20.7	8.5	7
Winning Score	24.9	6	42	1130	15	180	62	61.6	92.0	44	1 (0.426s)
5th Place	19.9	17	38	832	114	121	229	53.2	80.0	34	5 (1.252 s)
Honorable Mention Cutoff	19.6	20	35	773	143	100	237	52.3	61.0	32	8 (1.555s)

Target time = 6.5 s

<b>4th grade</b>	Aerodynamics	Circuit Wizardry	Codebusters!	Feathered Friends	Geology Rocks!	iCompute	Mystery Architecture	On Target	Pentathlon	Photon Phun	Potions	The Human Machine	Zip-It*
Average	15.5	28.6	1023	25	19	36	800	221	372.7	93.6	72	63.6	11.5
Median	14.6	26.5	1043	25	21	38	782	160	382.9	101	78	62.5	11.5
Std. Dev.	3.9	9	394	3.2	6.6	7.8	323	231	102.0	24.3	19	22.9	6.5
Winning Score	22.1	47	2015	29	28	45	1708	-1	187.7	114	95	94	1 (2.71 s)
5th Place	20.6	34	1355	28	23	43	1039	56	277.6	102	90	80	5 (3.655 s)
Honorable Mention Cutoff	19.1	27	1256	27	22	38	916	132	313.6	95	86	53.5	8 (3.683 s)

Target time= 8.8s

<b>5th grade</b>	Aerodynamics	Circuit Wizardry	Codebusters!	Feathered Friends	Geology Rocks!	iCompute	Mystery Architecture	On Target	Pentathlon	Photon Phun	Potions	The Human Machine	Zip-It*
Average	15.5	20.9	1025	21	16	32	837	89	321.5	99.6	82	60.2	11.0
Median	16.2	18.5	1066	20	18	31	823	74	293.6	101.6	86	50	11.0
Std. Dev.	3.7	8.7	483	5.8	5.2	9.4	299	77	86.4	8.3	11	20.2	6.2
Winning Score	21.3	37	2421	29	24	48	1568	-10	152.0	110	96	86.5	1 (0.444 s)
5th Place	18.2	24	1349	25	20	36	1121	52	262.7	104	92	76	5 (1.059 s)
Honorable Mention Cutoff	16.8	20	1263	23	13	31	1015	70	278.2	101	88	50	8 (1.649 s)

Target Time = 6.2 s

\* We have included the Zip Line deviation from target time for the medal places. The Zip Event Score Metric uses rank ordering from both the Zip line and test. The best deviations do not necessarily finish first in 4th and 5th grades, but this year they did.