

## 2025 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 2026!

<b>2nd grade</b>	Aerodynamics	Feathered Friends	Geology Rocks	iRobot	Mystery Architecture	On Target	Pasta Bridges	Pentathlon	Read It, Build It	The Human Machine	Zip-It*
Average	14.7	13	9	28.8	657	796.8	85	267.0	35.3	30.8	9.5
Median	14.5	13	8	30.0	695	323.3	43	263.1	36.2	27.0	9.5
Std. Dev.	3.6	3	5.1	8.1	292	843.6	92	117.6	5.7	15.8	5.3
Winning Score	21.5	16	18	38.8	1309	57.0	378	107.1	47.3	63.0	1 (0.0365 s)
5th Place	17.7	15	13.2	36.8	784	117.0	154	176.4	38.1	45.0	5 (0.4602 s)
Honorable Mention Cutoff	16.6	14	11	35	746	174.5	126	255.74	37.11708055	29	8 (0.7011 s)

Target time=7.000 s

<b>3rd grade</b>	Aerodynamics	Feathered Friends	Geology Rocks	iRobot	Mystery Architecture	On Target	Pasta Bridges	Pentathlon	Read It, Build It	The Human Machine	Zip-It*
Average	16.38	12	13	37	721	293.1	76	376.5	50.86	33	11
Median	16.45	12	14	37	699	225.0	67	393.6	51.22	28.0	11
Std. Dev.	3.95	2	6	5.3	259	283.6	77	119.1	6.83	20.4	6
Winning Score	24.20	16	21	44	1321	41.0	321	155.9	58.32	72	1 (0.1259 s)
5th Place	21.33	14	17	43	913	118.0	142	254.3	56.32	56	5 (0.4983 s)
Honorable Mention Cutoff	19.01	13	16	41	814	148.0	94	305.9	54.72	29	8 (0.7502 s)

Target time = 4.000 s

4th grade	Aerodynamics	Circuit Wizardry	Codebusters!	Feathered Friends	iCompute	Mystery Architecture	On Target	Pentathlon	Photon Phun	Potions	The Plot Thickens	Zip-It*
Average	12.95	33.4	868	11	30	933.3	202	409.3	82.1	47	39.1	9.5
Median	14.27	36.5	902	11	28	898.0	154	394.7	101.3	47	39.0	9.5
Std. Dev.	5.08	10.5	434	2.5	10.6	261.0	144	135.4	29.0	13	13.7	5.3
Winning Score	23.04	47.0	1876	14	43	1469.0	24	210.2	108.0	67	72.0	1 (2.6236 s)
5th Place	17.06	42.5	1246	13	40	1172.0	83	303.9	103.0	59	46.0	5 (3.6401 s)
Honorable Mention Cutoff	14.95	41.0	1142	12	33	1120.0	106	353.6	101.5	57	39.5	8 (4.554 s)

Target time= 11.5 s

5th grade	Aerodynamics	Circuit Wizardry	Codebusters!	Feathered Friends	iCompute	Mystery Architecture	On Target	Pentathlon	Photon Phun	Potions	The Plot Thickens	Zip-It*
Average	15.49	35.01	1060.04	12	28	989.5	236	402.9	84.1	54	43.3	9.50
Median	15.33	36.00	1107.00	12	26	942.0	197	394.1	93.0	52	34.0	9.50
Std. Dev.	4.11	11.40	511.26	3.1	10.1	357.0	172	78.5	23.4	11	24.4	5.34
Winning Score	24.92	54.00	2413.00	16	46	1725.0	19	205.8	108.0	74	82.5	1 (0.0228 s)
5th Place	18.02	43.00	1290.00	15	35	1338.0	88	369.9	99.0	65	34.0	5 (0.133 s)
Honorable Mention Cutoff	16.52	40.00	1176.00	12	32	1171.0	153	376.0	93.0	61	24.0	8 (0.129 s)

Target time=7.2 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. The best overall 5th grade zip line deviation was 0.0114 s. In 4th grade the best deviation did come in first.