



How To Compete

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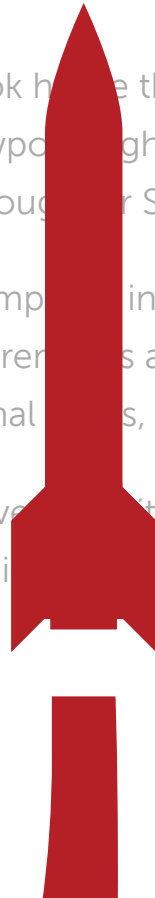
2022 National Finals Results

Newport High School (Team 2) took home the top prize at the 2022 National Finals on May 14, 2022 at Great Meadow in the The Plains, Va. Newport High School will go on to represent the United States in the International Rocketry Challenge at the Farnborough Air Show in London, England in July 2022.

In all, 724 teams from 41 states competed in the 2022 American Rocketry Challenge. Students designed, built, and launched rockets to exacting requirements as they competed for more than \$100,000 in cash and prizes. Below are the results for this year's National Finals, as well as the results for the Precision and Marketing Competitions.

The top twenty-five finishers receive recognition for their exploration of rocketry with high-caliber rockets and challenging mission parameters.

Check out the full results below:





2022 National Finals: Top 10 Teams

Place	Prize	Team #	School/Group Name	City	State	Total Score	Flight 1	Flight 2
1	\$20,000	22-1326	Newport High School - Team 2	Bellevue	WA	2	11	13
2	\$15,000	22-1804	Newport High School - Team 1	Bellevue	WA	2	12	14
3	\$12,500	22-1126	All Saints Episcopal School	Haslet	TX	6.12	11	17.12

Place	Prize	Team #	School/Group Name	City	State	Total Score	Flight 1	Flight 2
4	\$10,000	22-1534	Spring Grove Area Intermediate School - Team 2	Spring Grove	PA	13	6.8	19.8
5	\$7,500	22-1645	Coleman High School	Coleman	TX	10.12	10	20.12
6	\$3,500	22-1385	Creekview High School - Team 3	Canton	GA	17.2	7	24.2
7	\$2,500	22-1495	Camas High School	Camas	WA	9	16.16	25.16
8	\$2,500	22-1500	Young Engineers in Action	Hawaiian Gardens	CA	19.64	10	29.64
9	\$2,500	22-1764	Thomas Jefferson High School - Team 9	Alexandria	VA	7	26.8	33.8
10	\$1,500	22-1196	Tharptown High School	Russellville	AL	1	34.12	35.12

Each school or organization for teams 1-5 also receives \$1,000. Each school or organization for teams 6-10 also receives \$500.

2022 Best First Time Finalist

Team Number	Team Name	City	State	Flight 1	Flight 2	Total
22-2271	Geffen Academy at UCLA	Los Angeles	CA	17.88	26	43.88

Awarded to the best team who is competing in the National Finals for the first time. The team wins \$2,500 and the school receives \$500.

2022 Presentation Competition

Place	Prize	Team Number	Team Name	City	State
1	\$3,000	22-1419	Cary Academy	Cary	NC
2	\$1,500	22-0918	Northville High School	Northville	MI
Rookie	\$500	22-1419	Cary Academy	Cary	NC

2022 Marketing Competition

Place	Prize	Team Number	Team Name	City, State	Video
1	\$3,000	22-2018	Sato Academy	Long Beach, CA	https://youtu.be/vdNMCeNONqg
2	\$1,500	11-1006	Christian Home Educators of Cincinnati	Morrow, OH	https://youtu.be/0ELhg6-pjuU

The winning team also wins a custom logo and poster by 2046 Design, and custom merch featuring the team's new logo.

2022 National Finals Flight Results

Search:

Place ↕	Team Number ↕	Team Name	City ↕	State ↕	Flight 1 ↕	Flight 2 ↕	Total ↕
1	22-1326	Newport High School - Team 2	Bellevue	WA	2	11	13
2	22-1804	Newport High School - Team 1	Bellevue	WA	2	12	14
3	22-1126	All Saints Episcopal School	Haslet	TX	6.12	11	17.12
4	22-1534	Spring Grove Area Intermediate School - Team 2	Spring Grove	PA	13	6.8	19.8
5	22-1645	Coleman High School	Coleman	TX	10.12	10	20.12
6	22-1385	Creekview High School - Team 3	Canton	GA	17.2	7	24.2
7	22-1495	Camas High School	Camas	WA	9	16.16	25.16
8	22-1500	Young Engineers in Action	Hawaiian Gardens	CA	19.64	10	29.64
9	22-1764	Thomas Jefferson High School - Team 9	Alexandria	VA	7	26.8	33.8
10	22-1196	Tharptown High School	Russellville	AL	1	34.12	35.12

Place	Team Number	Team Name	City	State	Flight 1	Flight 2	Total
11	22-1522	First Baptist Church of Manchester Youth Group - Team 2	Manchester	CT	32.64	3	35.64
12	22-1187	The Cornerstone School - Team 1	Ocala	FL	14.04	24.72	38.76
13	22-1365	Millington Community Schools	Millington	MI	7	33	40
14	22-1797	Stoller Middle School	Portland	OR	32.12	8.32	40.44
15	22-2271	Geffen Academy at UCLA	Los Angeles	CA	17.88	26	43.88
16	22-2382	Seabrook Intermediate School - Team 1	Seabrook	TX	18	28	46
17	22-1410	Morris County 4-H	Morristown	NJ	14	33.96	47.96
18	22-1414	St. Monica Homeschool	Ridgefield	CT	20	29.32	49.32
19	22-2141	Harmony School of Endeavor - Team 1	Austin	TX	24.16	34.72	58.88
20	22-0670	Muscle Shoals High School	Muscle Shoals	AL	36	24	60
21	22-1741	East Aurora Union Free School District	East Aurora	NY	19	48.72	67.72
22	22-1519	Mission San Jose High School	Fremont	CA	25.88	43.32	69.2
23	22-1138	Explorer Post 1010	Rockville	MD	38.4	46	84.4
24	22-1701	Thomas Jefferson High School - Team 7	Alexandria	VA	20	64.76	84.76
25	22-1538	Spring Grove Area High School - Team 1	Spring Grove	PA	19.56	65.64	85.2
25	22-2228	Whitney M. Young Magnet High School - Team 2	Chicago	IL	21.2	64	85.2

Place ↕	Team Number	Team Name	City	State	Flight 1	Flight 2	Total
27	22-1549	First Baptist Church of Manchester Youth Group - Team 1	Manchester	CT	7	79.96	86.96
28	22-1400	American Youth Soccer Organization Region 174	Granada Hills	CA	20.8	77	97.8
29	22-2120	Harmony Science Academy - Team 1	El Paso	TX	12	86.16	98.16
30	22-1693	STARBASE Louisiana 2.0 - Team 2	Barksdale AFB	LA	5	105.16	110.16
31	22-2130	Madison West High School - Team 3	Madison	WI	37	76.24	113.24
32	22-1692	STARBASE Louisiana 2.0 - Team 1	Barksdale AFB	LA	28.64	103.92	132.56
33	22-2087	Colbert County 4-H	Tuscumbia	AL	19	116.08	135.08
34	22-2384	Seabrook Intermediate School - Team 2	Seabrook	TX	35.44	161.64	197.08
35	22-1407	Jamesburg Presbyterian Church	Jamesburg	NJ	32.88	174.72	207.6
36	22-0796	Woodridge Middle School - Team 2	High Ridge	MO	36	216.72	252.72
37	22-1632	Whitney M. Young Magnet High School - Team 1	Chicago	IL	12.68	860	872.68
38	22-2126	Madison West High School - Team 2	Madison	WI	18	860	878

The top twenty-five finishers receive an invitation to participate in NASA's Student Launch initiative to continue their exploration of rocketry with high-powered rockets and challenging mission parameters.

Scores Based on Single Flight

Place ↕	Team Number ↕	Team Name ↕	City ↕	State ↕	Flight 1 ↕	Flight 2 ↕	Total ↕
39	22-0879	Richards R5 - Team 1	West Plains	MO	5	DQ	5
40	22-1669	West Morgan Middle School	Florence	AL	6.8	DQ	6.8
41	22-2376	Clayton High School	Clayton	MO	17	DQ	17
42	22-0657	East Fairmont Middle School - Team 2	Fairmont	WV	34.44	DQ	34.44
43	22-1401	Montgomery High School	Skillman	NJ	39.12		39.12
44	22-1711	JP Stevens High School	Edison	NJ	39.44		39.44
45	22-2149	Templeton Middle School/Hamilton School District	Sussex	WI	40		40
46	22-0661	Combined Scout Troops	Woodbridge	VA	40.4		40.4
47	22-1599	Kealakehe High School	Kailua Kona	HI	40.44		40.44
48	22-1851	University School	Hunting Valley	OH	41.28		41.28
49	22-1409	Air Capital STEM Club	Wichita	KS	41.84		41.84
50	22-1964	Bellevue Senior High School - Team 2	Bellevue	WA	42.36		42.36
51	22-1110	Russellville High Schools	Russellville	AL	42.92		42.92
52	22-1874	Victory Christian Middle School	Charlotte	NC	43		43
53	22-1697	The Vanguard School	Colorado Springs	CO	43.28		43.28
54	22-1463	Nardin Academy	Buffalo	NY	43.92		43.92

Place ↕	Team Number ↕	Team Name ↕	City ↕	State ↕	Flight 1 ↕	Flight 2 ↕	Total ↕
55	22-1116	Harmony School of Endeavor - Team 2	Austin	TX	44.6		44.6
56	22-0654	East Fairmont Middle School - Team 1	Fairmont	WV	45		45
57	22-0897	Presidio High School - Team 2	Presidio	TX	46.52		46.52
58	22-1705	Stone Memorial High School	Crossville	TN	47.48		47.48
59	22-1539	Spring Grove Area High School - Team 2	Spring Grove	PA	47.68		47.68
60	22-1501	CAP Brackett Composite Squadron 64	La Verne	CA	48.44		48.44
60	22-1087	Oak Park High School	Oak Park	CA	48.44		48.44
62	22-0692	Interlake High School - Team 2	Bellevue	WA	49.48		49.48
63	22-1361	Lincoln High School	Lincoln	AL	52.92		52.92
64	22-1443	Cascade Middle School	Auburn	WA	54.52		54.52
65	22-0878	Richards R5 - Team 2	West Plains	MO	55		55
66	22-0867	Oregon Episcopal School	Portland	OR	56.56		56.56
67	22-1755	Cedar Falls High School	Cedar Falls	IA	56.76		56.76
68	22-2055	Maharishi School	Fairfield	IA	57.88		57.88
69	22-2240	Vector Space	Lynchburg	VA	59.96		59.96
70	22-2121	Harmony Science Academy - Team 2	El Paso	TX	60.16		60.16
71	22-0967	Interlake High School - Team 1	Bellevue	WA	61.36		61.36

Place ↕	Team Number ↕	Team Name	City ↕	State ↕	Flight 1 ↕	Flight 2 ↕	Total ↕
72	22-2242	Annie Wright Schools	Tacoma	WA	62.72		62.72
73	22-1704	Technology, Exploration, Career Center East	Lewisville	TX	64.56		64.56
74	22-1530	Spring Grove Area Intermediate School - Team 1	Spring Grove	PA	66		66
75	22-1871	Victory Christian High School - Team 1	Charlotte	NC	67.48		67.48
76	22-1682	Bellevue Senior High School - Team 1	Bellevue	WA	69.08		69.08
77	22-0660	Webster City High School	Webster City	IA	69.44		69.44
78	22-1812	Mt. Hebron High School	Ellicott City	MD	74.36		74.36
79	22-1383	Creekview High School - Team 1	Canton	GA	79.48		79.48
80	22-0686	Woodridge Middle School -Team 1	High Ridge	MO	81.56		81.56
81	22-0688	National Museum of the USAF	Wright Patterson AFB	OH	83		83
82	22-0791	Interlude Music Outreach Nonprofit	Irvine	CA	83.36		83.36
83	22-2360	Notre Dame Academy	Los Angeles	CA	87.8		87.8
84	22-1872	Victory Christian High School - Team 2	Charlotte	NC	91.24		91.24
85	22-1835	Nazareth Academy High School	Philadelphia	PA	111.76		111.76
86	22-1130	Shady Side Academy Senior School	Pittsburgh	PA	133.48		133.48
87	22-1653	The Cornerstone School - Team 2	Ocala	FL	145.48		145.48

Place ↕	Team Number ↕	Team Name ↕	City ↕	State ↕	Flight 1 ↕	Flight 2 ↕	Total ↕
88	22-1536	Spring Grove Area Middle School	Spring Grove	PA	248.64		248.64
89	22-1077	duPont Manual High School	Louisville	KY	287.84		287.84
90	22-0832	Newark Memorial High School	Newark	CA	812.4		812.4
91	22-0699	AIAA OC Section	Irvine	CA	DQ		DQ
91	22-0818	Cesar E. Chavez High School	Houston	TX	DQ		DQ
91	22-1058	Hackground	Fulton	MD	DQ		DQ
91	22-1406	Jane Addams Middle School	Seattle	WA	DQ		DQ
91	22-2160	Jordan High School	Durham	NC	DQ		DQ
91	22-0747	Plano West Senior High School	Plano	TX	DQ		DQ
91	22-0900	Presidio High School - Team 1	Presidio	TX	DQ		DQ
91	22-1314	Prince of Peace Catholic School	Lake Villa	IL	DQ		DQ
91	22-0923	Shady Side Academy Middle School	Pittsburgh	PA	DQ		DQ
91	22-0804	STARBASE Los Alamitos	Los Alamitos	CA	DQ		DQ