

## 2021 PhysicsBowl Results: Regions 00 – 14

Dear Physics Teachers,

Enclosed are lists of

- the overall top 10 students in each division
- the overall top 5 schools in each division.
- the first and second place students in each division by region.
- the first and second place schools in each division by region.

Unfortunately, we received student data which did not properly fill in the required information. This resulted in the student's score being disqualified for consideration of either individual awards or for the team score. This is an unfortunate necessity because of the amount of data that must be analyzed. We cannot go and check exams individually to look for errors, so it is up to the proctors and instructors to be sure that their students follow the instructions.

A copy of this year's test along with solutions, certificates, and individual and team winners for all regions can be found at the following web site: <http://aapt.org/Programs/PhysicsBowl/currentexam.cfm>

Instructors can obtain the scores of their students from the AAPT website and that link will be provided to you in an email from the national office. Please realize that we were able to retrieve some scores that were disqualified for improperly recording the required information, but this was done after-the-fact. If the information was not encoded correctly, the student was immediately disqualified, though we may be able to link that student to your code now. Some students provided no codes, the wrong regions, no name, just a last name, etc. There are a lot of records and we cannot go back and fill in missing information. While it is unfortunate to disqualify anyone, these are the rules of the contest. Sadly, some very high scores were disqualified. If you still are missing a student's score, please email [jlane@aapt.org](mailto:jlane@aapt.org) with student information (CEEB, teacher codes, etc.) and we can try to find the information.

We will, as always, be trying to improve the contest and we look forward to your participation again in 2022.

Sincerely,



Jon P. Anderson

PhysicsBowl Academic Coordinator  
Instructor  
CIS Physics 1101 Faculty Coordinator  
School of Physics & Astronomy  
University of Minnesota-Twin Cities  
116 Church Street S.E.  
Minneapolis, MN 55455  
[janderson@aapt.org](mailto:janderson@aapt.org)

**TOP TEN OVERALL *DIVISION 1* SCORES: Regions 00 – 14**

Rank	Region	Score	Student	School	City	State/Prov
1	00	38	Huang, Yixian	ZENITH INSTITUTE	Walnut	CA
2	02	38	Zou, Joey	Inspiration Private School-Oakville	Oakville	ON
3	14	38	Venkatapathy, Medha	Redmond High School	Redmond	WA
4	00	37	Zhang, Wantong Tong	Stamford Polytechnic	Stamford	CT
5	12	37	Liu, Junyi	Temple City HS	Temple City	CA
6	00	36	Liu, Derek X	San Diego Math Circle @ UCSD	San Diego	CA
7	13	35	Avadhanam, Advait	Saratoga High School	Saratoga	CA
8	00	35	Cao, Jiarui	Ivy Path School	North York	ON
9	02	35	Wong, Connor T	St. George's School	Vancouver	BC
10	05	35	Ge, Ivan	Ward Melville HS	East Setauket	NY

**TOP TEN OVERALL *DIVISION 2* SCORES: Regions 00 – 14**

Rank	Region	Score	Student	School	City	State/Prov
1	12	39	Ji, Haocheng	South Hills Academy	West Covina	CA
2	00	38	Shao, Lize	Stamford Polytechnic	Stamford	CT
3	00	38	Liu, Jing	Stamford Polytechnic	Stamford	CT
4	00	38	Luo, Liyan	Stamford Polytechnic	Stamford	CT
5	08	38	Xie, Henry L	Naperville North High School	Naperville	IL
6	13	37	Gu, Alex S	Valley Christian High School	San Jose	CA
7	14	37	Sun, Daniel C	Interlake HS	Bellevue	WA
8	12	37	Shen, Xinkai	South Hills Academy	West Covina	CA
9	04	36	Yao, Leo C	West Windsor - Plainsboro High School N	Plainsboro	NJ
10	13	36	Pan, Andrew	Beckman High School	Lakewood	CA

Note: Ranking for tied scores is based on the tiebreaker rules... scoring from the end of the test to the front.

Note: These students are recognized as “overall” winners and are removed from the regional winners pool.

**Top Two Highest Scoring *Division 1* Students in each Region**

Region	Score	Student	School	City	State/Prov
00	32*	Yao, Henry	SpringLight Education Institute	Cupertino	CA
00	32*	Bhowmik, Rohan T	SpringLight Education Institute	Cupertino	CA
01	30*	Zheng, Fiona	Thomas Jefferson HS For Sci-Tech	Alexandria	VA
01	30	Ye, Xiaoyu	School For The Talented And Gifted	Dallas	TX
02	33	Hu, Yuehan	Bayview Secondary School	Toronto	ON
02	32	Cui, Hao	Marc Garneau Collegiate Institute	North York	ON
03	29	Pant, Aarushi	Westborough High School	Westborough	MA
03	27*	Yuan, Jiayi	Kent School	Kent	CT
04	31	Jia, Darren W	Gauss School of Math and Science	Bridgewater	NJ
04	30	Liu, Peter	Gauss School of Math and Science	Bridgewater	NJ
05	33	Yang, Zechang	The Bullis School	Potomac	MD
05	30	An, Minjun	Brown Academy	Great Neck	NY
06	30	Yang, Eric L	Lower Merion High School	Ardmore	PA
06	27	Scullin, Zachary A	Haverford High School	Haverford	PA
07	27	Zhou, Edison T	Troy High School	Troy	MI
07	25	Swisher, Geoffrey D	Morgantown High School	Morgantown	WV
08	28	Juneja, Aadit	Stevenson High School	Lincolnshire	IL
08	27	Yang, Roger V	Glenbrook North High School	Northbrook	IL
09	29	He, Katie Y	Buchholz High School	Gainesville	FL
09	27	Patel, Anish D	Buchholz High School	Gainesville	FL
10	29	Shi, James H	Alabama School of Fine Arts	Birmingham	AL
10	27*	Graves, Ralston K	Baton Rouge Magnet High School	Baton Rouge	LA
11	31	Wu, Phoenix	Seven Lakes High School	Katy	TX
11	28*	Geng, Alex F	St. Mark's School of Texas	Dallas	TX
12	30*	Segimoto, Kai M	Arcadia High School	Arcadia	CA
12	30	Mohan, Jeshwanth	Arcadia High School	Arcadia	CA
13	34	Huang, Jonathan	Lynbrook High School	San Jose	CA
13	33*	Yuan, Andrew J	Lynbrook High School	San Jose	CA
14	30	Nanthapaithoon, Theerathut	The National Mathematics and Science College	Coventry	West Midlands
14	29	Mangipudi, Vishnu	Interlake HS	Bellevue	WA

\* = place determined by tiebreaker



# AAPT PHYSICS BOWL 2021

## Top Two Highest Scoring *Division 2* Students in each Region

Region	Score	Student	School	City	State/Prov
00	32	Qiao, Edward	San Diego Math Circle @ UCSD	San Diego	CA
00	31*	Gao, Victor Y	Ivy Path School	North York	ON
01	31*	Tan, Anthony N	Oklahoma School of Sci and Math	Oklahoma City	OK
01	31	Wu, Gabriel D	Montgomery Blair High School	Silver Spring	MD
02	33	Yang, Daniel	University Of Toronto Schools	Toronto	ON
02	32	Hu, Ethan S	Marc Garneau Collegiate Institute	North York	ON
03	27	Choi, Booyeon	Middlesex School	Concord	MA
03	26*	Pan, Ruhua	The Gunnery	Washington Depot	CT
04	33	Lin Hu, Yang Jie	Princeton Intl Sch of Math & Sci	Princeton	NJ
04	31	Shastri, Parth D	West Windsor - Plainsboro HS N	Plainsboro	NJ
05	32	Wu, Jiayi	Thomas S Wootton High School	Clarksburg	MD
05	27*	Zhan, Anthony	Great Neck South High School	Baldwin	NY
06	28*	Wetherbee, Owen C	Lower Merion High School	Ardmore	PA
06	28	Zheng, Claire M	North Allegheny Senior HS	Wexford	PA
07	31	Xu, Alex	Troy High School	Troy	MI
07	28	Kurov, Elena A	Morgantown High School	Morgantown	WV
08	35	Machtinger, Jared B	Stevenson High School	Lincolnshire	IL
08	33	Fan, Collin	Stevenson High School	Lincolnshire	IL
09	35	Yu, Zidong	Trinity Preparatory School	Winter Park	FL
09	31*	Dong, Kejin	Buchholz High School	Gainesville	FL
10	35	Jiang, Stephen C	Ladue Horton Watkins High School	Saint Louis	MO
10	34	Junye, Wang N/A	Vanderbilt University	Nashville	TN
11	33	Shah, Rushil N	John Foster Dulles High School	Sugar Land	TX
11	32	Boukas, Alkiviades	Bellaire High School	Bellaire	TX
12	34	YE, QIUYU	South Hills Academy	West Covina	CA
12	33*	He, Wilson	South Hills Academy	West Covina	CA
13	35	Fang, Mason	Dougherty Valley High School	San Ramon	CA
13	34*	Gu, Alexander	Palo Alto Unified	Aptos	CA
14	33	Lin, Kevin W	Richland College	Veradale	WA
14	32	Kim, Evan E	Redmond High School	Redmond	WA

\* = place determined by tiebreaker

## TOP FIVE OVERALL *DIVISION 1* TEAM SCORES: Regions 00 – 14

Rank	Region	Score	School	City	State/Province
1	13	162	Lynbrook High School	San Jose	CA
2	13	149	Saratoga High School	Saratoga	CA
3	04	144	Gauss School of Math and Science	Bridgewater	NJ
4	05	140	Ward Melville HS	East Setauket	NY
5	01	137*	Thomas Jefferson HS For Sci-Tech	Alexandria	VA

## TOP FIVE OVERALL *DIVISION 2* TEAM SCORES: Regions 00 – 14

Rank	Region	Score	School	City	State/Province
1	12	174	South Hills Academy	West Covina	CA
2	09	150	Buchholz High School	Gainesville	FL
3	13	145	Valley Christian High School	San Jose	CA
4	04	142	West Windsor - Plainsboro High School N	Plainsboro	NJ
5	10	140	Ladue Horton Watkins High School	Saint Louis	MO

Note: The team tie-break (\*) is that the tie goes to the school with the highest scoring student.

Note: These schools are recognized as “overall” winners for each Division and are removed from that Division’s regional winners pool.

**Highest Scoring Division 1 Schools in each Region**  
**Top 5 overall schools are removed from the Regional competition**

Region	Score	School	City	State/Province
01	129	Bergen County Academies	Hackensack	NJ
02	135	Olympiads School	North York	ON
03	112*	Kent School	Kent	CT
04	117	Middlesex County Academy	Edison	NJ
05	109	The Bullis School	Potomac	MD
06	107	North Allegheny Senior High School	Wexford	PA
07	112	Morgantown High School	Morgantown	WV
08	121	Stevenson High School	Lincolnshire	IL
09	128	Buchholz High School	Gainesville	FL
10	123	Baton Rouge Magnet High School	Baton Rouge	LA
11	117	St. Mark's School of Texas	Dallas	TX
12	137	Arcadia High School	Arcadia	CA
13	103	Valley Christian High School	San Jose	CA
14	118	Interlake HS	Bellevue	WA

**Second Highest Scoring *Division 1* Schools in each Region**

Region	Score	School	City	State/Province
01	124	School For The Talented And Gifted	Dallas	TX
02	134	Marc Garneau Collegiate Institute	North York	ON
03	112	Middlesex School	Concord	MA
04	92	Livingston High School	Livingston	NJ
05	105	AACPS	Pasadena	MD
06	84	Wyoming Seminary	Kingston	PA
07	78	Troy High School	Troy	MI
08	109	Libertyville High School	Libertyville	IL
09	113	Trinity Preparatory School	Winter Park	FL
10	120	Alabama School of Fine Arts	Birmingham	AL
11	76	Glenda Dawson High School	Pearland	TX
12	126	Temple City HS	Temple City	CA
13	91	Beckman High School	Lakewood	CA
14	116	The National Math and Sci College	Coventry	West Midlands

Note: The team tie-break (\*) is that the tie goes to the school with the highest scoring student.

**Highest Scoring *Division 2* Schools in each Region**  
**Top 5 overall schools are removed from the Regional competition**

Region	Score	School	City	State/Province
01	139	Montgomery Blair High School	Silver Spring	MD
02	109	Olympiads School	North York	ON
03	116	Middlesex School	Concord	MA
04	117	West Windsor - Plainsboro High School South	West Windsor	NJ
05	110	Great Neck North High School	Great Neck	NY
06	93	Haverford High School	Haverford	PA
07	127	Morgantown High School	Morgantown	WV
08	138	Stevenson High School	Lincolnshire	IL
09	127	American Heritage School	Plantation	FL
10	116	Los Alamos High School	Los Alamos	NM
11	101	Glenda Dawson High School	Pearland	TX
12	133	Palos Verdes Peninsula High School	Palos Verdes Peninsula	CA
13	134	Saratoga High School	Saratoga	CA
14	131	Iolani School	Honolulu	HI

**Second Highest Scoring *Division 2* Schools in each Region**

Region	Score	School	City	State/Province
01	133	Union County Magnet High School	Livingston	NJ
02	102	Marc Garneau Collegiate Institute	North York	ON
03	64	Kent School	Kent	CT
04	98	Princeton International School of Mathematics and Science	Princeton	NJ
05	89	Great Neck South High School	Baldwin	NY
06	88	Lower Merion High School	Ardmore	PA
07	123	Troy High School	Troy	MI
08	105	Carbondale Community High School	Carbondale	IL
09	110	Trinity Preparatory School	Winter Park	FL
10	114	Clayton High School	Saint Louis	MO
11	95	SF Austin HS	Sugar Land	TX
12	118	Arcadia High School	Arcadia	CA
13	131	BASIS Independent Silicon Valley	San Jose	CA
14	120	The National Math and Sci College	Coventry	West Midlands