

2019 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 top 4 schools in each region by division

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

This year, we are able to award the following prizes:

- To the top overall school in each Division
 - \$100 gift certificate awarded from Pasco Scientific
- To the top 5 overall schools in each Division:
 - \$50 gift certificate awarded from Vernier Software & Technology
 - "PhysicsBowl Champion" T-shirts awarded to the five top students from each school from AAPT.
- To the top two scoring schools in each region/division:
 - \$50 gift certificate awarded from Vernier Software & Technology
 - A rattleback from Arbor Scientific.
 - "PhysicsBowl Champion" T-shirts awarded to the five top students from the *1st* place school in each region from AAPT.

All student winners will receive a copy of "Used Math" from AAPT. In addition, student winners receive

- To the top 10 overall students in each Division:
 - A copy of "Special Relativity" from Cambridge University Press.
- To the 1st place student in each Division by Region
 - A copy of "Problems and Solutions" from Cambridge University Press.
 - A Mysterious Glowing Ball from Educational Innovations, Inc.
- To the 2nd place student in each Division by Region
 - A copy of "Mad About Physics" from John Wiley & Sons.

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

We had the good fortune of having many wonderful sponsors again this year. We hope to continue our relationship with these companies in the future. One way to ensure that this happens is for teachers to send “thank you” notes to the companies when ordering materials and to use the gift certificates provided. We hope that you use your certificates to help your physics program in the coming years.

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 from winning prizes even 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 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 2020.

Sincerely,



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TOP TEN OVERALL DIVISION 1 SCORES: Regions 00 – 14

RANK	REGION	SCORE	FIRST NAME	LAST NAME	SCHOOL	PROVINCE/STATE
1	00	37	Chris	Lee	Olympiad Academia	NY
2	04	37	Alvin	Peng	Gauss School of Math and Science	NJ
3	13	36	Jeffrey	Xu	Saratoga High School	CA
4	02	35	Ethan	Hu	Marc Garneau C.I.	ON
5	13	35	Milan	Ganai	Lynbrook HS	CA
6	14	35	Vedantha	Venkatapathy	Bellevue College North Campus	WA
7	02	35	Zhi Yang	Chen	Victoria Park Collegiate Institute	ON
8	04	35	Adith	Sundram	Gauss School of Math and Science	NJ
9	03	35	Vincent	Xu	Darien High School	CT
10	02	35	Henry	Guo	Ay Jackson Secondary School	ON

TOP TEN OVERALL DIVISION 2 SCORES: Regions 00 – 14

RANK	REGION	SCORE	FIRST NAME	LAST NAME	SCHOOL	PROVINCE/STATE
1	14	39	Michael	Liu		MN
2	00	38	Zachary	Deng	SpringLight Education Institute	CA
3	11	37	Andrew	Liu	John Foster Dulles High School	TX
4	00	37	Patrick	Liu	SpringLight Education Institute	CA
5	08	37	Jason	Gu	Naperville North High School	IL
6	08	37	Geoffrey	Wu	Naperville North High School	IL
7	01	36	Satya	Holla	Science Academy of South TX	TX
8	12	36	Bingxu	Meng	Diamond Bar High School	CA
9	07	36	Kevin	Liu	Carmel High School	IN
10	13	35	Joseph	Li	Saratoga High School	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	FIRST NAME	LAST NAME	SCHOOL	PROVINCE/STATE
00	33	TAEYANG	PARK	Olympiad Academia	NY
00	32	SEOEONG	KWAG	Olympiad Academia	NY
01	31	David	Chiidchi	Science Academy of South TX	TX
01	27	Daniel	Yuan	Montgomery Blair High School	MD
02	34	Jerry	Jiao	Olympiads School	ON
02	33	Daniel	Yang	Olympiads School	ON
03	33	Benjamin	Wan	Stamford Polytechnic	CT
03	31	Walden	Yan	Avon High School	CT
04	33	Ian	Wang	Gauss School of Math and Science	NJ
04	32	Alan	Hsu	Gauss School of Math and Science	NJ
05	27	Yuehan	Wu	Aquinas Institute of Rochester	NY
05	27	Izzy	Lerman	North Shore High School	NY
06	29	Yang	Yunfan	The Miami Valley School	OH
06	25	Thomas	Brusilovsky	Pittsburgh Allderdice High School	PA
07	32	Alex	Xu	Troy High School	MI
07	27	Sachin	Thaker	Morgantown High School	WV
08	27	John	He	Libertyville High School	IL
08	25	Bailey	Latka	Libertyville High School	IL
09	31	Samuel	Cohen		FL
09	28	Frank	Sacco	American Heritage School of Boca/Delray	FL
10	26	Kevin	Cao	White Station High School	TN
10	25	Dylan	Campbell	Millennium High School	AZ
11	30	Naveen	Mukkatt	John Foster Dulles High School	TX
11	27	Sribbb	Devulapalli	Carnegie Vanguard High School	TX
12	32	Aksh	Garg	Palos Verdes Peninsula HS	CA
12	31	Ethan	Lu	Arcadia High School	CA
13	33	Rohan	Kumar	Saratoga High School	CA
13	31	Myungsuh	Choi	Gachun University	CA
14	31	Hai Linh	Nguyen	National Mathematics and Science College	England
14	27	Ryan	Thammakhoun	Sunset High School	OR

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

REGION	SCORE	FIRST NAME	LAST NAME	SCHOOL	PROVINCE/STATE
00	35	Minki	Shimz	Olympiad Academia	NY
00	33	Yi Won	Kim	Olympiad Academia	NY
01	30	Miles	Cua	Science Academy of South TX	TX
01	29	Sunay	Joshi	Bergen County Academies	NJ
02	34	Henry	Tang	Marc Garneau C.I.	ON
02	34	Felix	Yu	The Crescent School	ON
03	29	Gregory	Zelevinsky	Sharon High School	MA
03	26	Jeremiah	DeGreeff	Middlesex School	MA
04	33	Eddie	Chen	West Windsor Plainsboro HS North	NJ
04	33	Leo	Yao	West Windsor Plainsboro HS North	NJ
05	31	David	Wendt	Island Trees High School	NY
05	28	Bowen	Xiang	T.S. Wootton High School	MD
06	27	Alex	Wang	Columbus Academy	OH
06	23	David	Wang	Conestoga High School	PA
07	30	Zhiqi	Liu	St. Anne's-Belfield School	VA
07	30	Jerry	Liu	St. Anne's-Belfield School	VA
08	33	Shenghua	Liu	Rockford Christian High School	IL
08	31	Suhaas	Bhat	Marshfield High School	WI
09	32	Saaketh	Vedantam	American Heritage School	FL
09	31	Jerry	Zhao	William G Enloe High School	NC
10	32	Stephen	Jiang	Ladue Horton Watkins High School	MO
10	29	Kevin	Luo	White Station High School	TN
11	34	Ethan	Zahid	John Foster Dulles High School	TX
11	33	Krish	Singal	John Foster Dulles High School	TX
12	31	Kevin	Cai	Temple City HS	CA
12	28	Samuel	Berkun	Arcadia High School	CA
13	35	Nyle	Wong	University High School	CA
13	34	James	Chen	University High School	CA
14	35	Daniel	Sun	Interlake HS	WA
14	32	Yanjun	Zhou	Lemania International School Altdorf	Uri

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

RANK	REGION	SCORE	SCHOOL	STATE/PROV.
1	04	165	Gauss School of Math and Science	NJ
2	13	150	Saratoga High School	CA
3	13	141	Lynbrook HS	CA
4	02	136	Olympiads School	ON
5	12	136	Arcadia High School	CA

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

RANK	REGION	SCORE	SCHOOL	STATE/PROV.
1	11	161	John Foster Dulles High School	TX
2	02	144	Olympiads School	ON
3	07	143	St. Anne's-Belfield School	VA
4	13	143	University High School	CA
5	01	137	Science Academy of South Texas	TX

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

Top 4 schools in each Region by Division
 The columns are “Rank,” “Score,” “School,” “Location”

Yellow indicates First Place winner

Blue indicates Second Place winner

Top 5 overall schools are removed from the Regional competition

REGION 01

DIV 1				DIV 2			
1	118	Oklahoma School of Science and Math	OK	1	126	Bergen County Academies	NJ
2	109	Montgomery Blair High School	MD	2	120	Montgomery Blair High School	MD
3	106	School for the Talented and Gifted	TX	3	115	Oklahoma School of Science and Math	OK
4	104	Bergen County Academies	NJ	4	98	School of Science and Engineering	TX

REGION 02

DIV 1				DIV 2			
1	108	Upper Canada College	ON	1	128	Western Canada High School	AB
2	102	Marc Garneau C.I.	ON	2	122	Marc Garneau C.I.	ON
3	89	Victoria Park Collegiate Institute	ON	3	93	Marianopolis College	QC
4	87	Ay Jackson Secondary School	ON	4	87	Ay Jackson Secondary School	ON

REGION 03

DIV 1				DIV 2			
1	122	Guilford High School	CT	1	113	Guilford High School	CT
2	112	New Canaan High School	CT	2	101	New Canaan High School	CT
3	103	Avon High School	CT	3	95	Sharon High School	MA
4	101	Middlesex School	MA	4	90	Middlesex School	MA

REGION 04

DIV 1				DIV 2			
1	115	West Windsor-Plainsboro HS South	NJ	1	136	West Windsor Plainsboro HS North	NJ
2	102	John P Stevens High School	NJ	2	135	Princeton International School of Math and Science	NJ
3	101	West Windsor Plainsboro HS North	NJ	3	133	Princeton High School	NJ
4	99	Northern Valley Regional HS at Old Tappan	NJ	4	128	West Windsor-Plainsboro HS South	NJ

REGION 05

DIV 1				DIV 2			
1	106	Staten Island Technical High School	NY	1	92	Herricks High School	NY
2	96	School Nova At Stony Brook	NY	2	81	T.S. Wootton High School	MD
3	96	Manhasset High School	NY	3	80	Irondequoit High School	NY
4	93	The Bullis School	MD	4	69	Island Trees High School	NY

REGION 06

DIV 1				DIV 2			
1	113	Pittsburgh Allderdice High School	PA	1	101	North Allegheny Senior High School	PA
2	108	Shady Side Academy	PA	2	88	Dallastown Area High School	PA
3	101	Great Valley High School	PA	3	81	Haverford High School	PA
4	100	The Miami Valley School	OH	4	46	Pittsburgh Allderdice High School	PA

REGION 07

DIV 1				DIV 2			
1	118	Troy High School	MI	1	118	Carmel High School	IN
2	113	Carmel High School	IN	2	106	East Lansing High School	MI
3	109	Morgantown High School	WV	3	105	Troy High School	MI
4	106	Greenhills School	MI	4	98	Langlely High School	VA

REGION 08

DIV 1				DIV 2			
1	119	Libertyville High School	IL	1	112	Libertyville High School	IL
2	103	Eisenhower High School	WI	2	104	Vernon Hills High School	IL
3	102	Vernon Hills High School	IL	3	100	Arrowhead High School	WI
4	100	Marshfield High School	WI	4	100	Carbondale Community High School	IL

REGION 09

DIV 1				DIV 2			
1	132	Buchholz High School	FL	1	133	American Heritage School	FL
2	115	American Heritage School of Boca/Delray	FL	2	131	Buchholz High School	FL
3	110	American Heritage School	FL	3	117	American Heritage School of Boca/Delray	FL
4	108	Northview High School	GA	4	109	West Shore Jr/Sr High School	FL

REGION 10

DIV 1				DIV 2			
1	111	Alabama School of Fine Arts	AL	1	127	Ladue Horton Watkins High School	MO
2	110	White Station High School	TN	2	109	Memphis University School	TN
3	101	Millennium High School	AZ	3	107	White Station High School	TN
4	101	Chaparral HS	CO	4	93	BASIS Chandler	AZ

REGION 11

DIV 1				DIV 2			
1	123	Carnegie Vanguard High School	TX	1	109	St. Mark's School of Texas	TX
2	116	John Foster Dulles High School	TX	2	84	Round Rock High School	TX
3	97	Cistercian Preparatory School	TX	3	82	Klein High School	TX
4	93	Pearland Independent School District	TX	4	81	Pearland Independent School District	TX

REGION 12

DIV 1				DIV 2			
1	130	Palos Verdes Peninsula High School	CA	1	126	Diamond Bar High School	CA
2	123	Temple City HS	CA	2	109	Palos Verdes Peninsula High School	CA
3	114	Diamond Bar High School	CA	3	104	Arcadia High School	CA
4	111	La Canada High School	CA	4	101	The Bishop's School	CA

REGION 13

DIV 1				DIV 2			
1	121	The Harker School	CA	1	118	Saratoga High School	CA
2	112	Northwood High School	CA	2	115	Monta Vista High School	CA
3	107	University High School	CA	3	110	The Harker School	CA
4	104	Monta Vista High School	CA	4	94	Valley Christian Schools	CA

REGION 14

DIV 1				DIV 2			
1	118	National Mathematics and Science College	England	1	121	Philippine Science High School - Main Campus	Metro Manila
2	113	United World College of South East Asia	Singapore	2	116	Pui Ching Middle School	MACAU
3	113	Kultur Science High School	Turkey	3	113	Mathematical Grammar School	Serbia
4	109	Philippine Science High School - Main Campus	Metro Manila	4	113	Interlake HS	WA