

2015 PhysicsBowl Results: Regions 01 – 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 which 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:
 - \$100 gift certificate awarded from CPO Science
 - "PhysicsBowl Champion" T-shirts awarded to the five top students from each school from AAPT.
 - A copy of "Electricity and Magnetism" from Cambridge University Press.
 - A copy of "Problems and Solutions in Intro Mechanics" from Cambridge University Press.
- 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:
 - Div. 02 only: A copy of "Particle Physics" from John Wiley & Sons.
 - Div. 01 only: A copy of "Introduction to Classical Mechanics" from Cambridge University Press.
- To the 1st place student in each Division by Region
 - A copy of "Geek Physics" from Turner Publishing
- To the 2nd place student in each Division by Region
 - A Mysterious Glowing Ball from Educational Innovations, Inc.

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://www.delta.edu/michaelfaleski/PhysicsBowl>



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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's 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 in 2016.

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TOP TEN OVERALL DIVISION 1 SCORES: Regions 01 – 14

<u>#</u>	<u>Reg</u>	<u>Score</u>	<u>Student</u>	<u>School</u>	<u>City</u>	<u>State</u>
1	13	32	XIE, BRIAN B	Mission San Jose HS	Fremont	CA
2	09	31	ZHENG, GEOFFREY	Lincoln Park Academy	Fort Pierce	FL
3	03	30*	LYNCH, CORY J	Guilford High School	Guilford	CT
4	13	30*	MENG, SEAN T	SpringLight Education Institute	San Jose	CA
5	03	30*	HACKETT, SEAN J	Guilford High School	Guilford	CT
6	04	30	SOMMERS, GRACE	Bridgewater Raritan HS	Bridgewater	NJ
7	13	29*	LIANG, CELINE K	Saratoga High School	Saratoga	CA
8	13	29*	HUANG, JONATHAN J	University HS - Irvine	Irvine	CA
9	08	29*	VOICHICK FINNEGAN	James Madison Memorial HS	Madison	WI
10	12	29*	WANG, RICHARD M	North Hollywood HS	North Hollywood	CA

TOP TEN OVERALL DIVISION 2 SCORES: Regions 01 – 14

<u>#</u>	<u>Reg</u>	<u>Score</u>	<u>Student</u>	<u>School</u>	<u>City</u>	<u>State</u>
1	13	38	SAMINENI, ANEESH V	The King's Academy	Sunnyvale	CA
2	08	30*	LU, JASON	Stevenson HS	Lincolnshire	IL
3	01	30	WINER, MIKE H	Montgomery Blair HS	Silver Spring	MD
4	05	29	AN, SEUNG HWAN	Olympiad Academia	New York	NY
5	07	27*	GAO, JERRY	Troy High School	Clarkston	MI
6	03	27	NASH, BEATRICE A	King And Low-Heywood Thomas School	Stamford	CT
7	04	26*	SHI, JASON	West Windsor - Plainsboro High School South	West Windsor	NJ
8	04	26*	SHAO, CHRISTOPHER	West Windsor - Plainsboro High School North	Plainsboro	NJ
9	12	26*	CHEN, KEVIN	The Bishop's School	La Jolla	CA
10	04	26*	HUANG, BRICE	West Windsor - Plainsboro High School North	Plainsboro	NJ

* = place determined by tiebreaker

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

<u>Reg</u>	<u>Score</u>	<u>Student</u>	<u>School</u>	<u>City</u>	<u>State</u>
01	28	Hsiang, Samuel	Thomas Jefferson HSST	Alexandria	VA
01	27	Beasley, Nicholas	Stuyvesant High School	New York	NY
02	28	Meng, Jesse	Victoria Park Collegiate Inst.	Toronto	ON
02	27	Zhou, Jinpeng J	Ay Jackson Secondary School	Toronto	ON
03	25	Pantalone, Guiseppe A	Guilford High School	Guilford	CT
03	24*	Reik, Christopher E	New Canaan High School	New Canaan	CT
04	27	Barber, Rebecca L	Millburn High School	Millburn	NJ
04	26*	Bommasani, Rishi	Manalapan HS	Englishtown	NJ
05	26	Shim, Peter C	Olympiad Academia	New York	NY
05	25	Ko, Kwonil	Olympiad Academia	New York	NY
06	22	Zhao, Joe Y	North Allegheny Senior HS	Wexford	PA
06	21*	Dickey, Nolan J	Pittsburgh Allderdice HS	Pittsburgh	PA
07	28	Stanescu, Alexandru D	Morgantown High School	Morgantown	WV
07	23*	Keaton, Matthew	Morgantown High School	Morgantown	WV
08	26	Zou, Daniel W	Libertyville High School	Libertyville	IL
08	24*	Metzger, Eric J	Libertyville High School	Libertyville	IL
09	25	Marks, Samuel P	Walton High School	Marietta	GA
09	24*	Bunker, Christian P	Stanton College Preparatory	Jacksonville	FL
10	28	Ding, Tony D	Montgomery Bell Academy	Nashville	TN
10	25	Mehta, Sanat D	Arapahoe High School	Centennial	CO
11	25	Balaji, Shreyas	John Foster Dulles High School	Sugar Land	TX
11	23	Zeng, Victor	John Foster Dulles High School	Sugar Land	TX
12	27*	Li, Ding	Arcadia High School	Arcadia	CA
12	27	Shen, Xincheng	Temple City Homeschool	Temple City	CA
13	29	Shi, Sean	Saratoga High School	Saratoga	CA
13	28	Zhang Kristine A	Saratoga High School	Saratoga	CA
14	27	Tang, Michael S	Edina Center For Acad. Exc.	Eden Prairie	MN
14	25	Barnard, Martha J	Minnetonka HS	Minnetonka	MN

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

<u>Reg</u>	<u>Score</u>	<u>Student</u>	<u>School</u>	<u>City</u>	<u>State</u>
01	26*	Zhao, Dennis	Montgomery Blair HS	Silver Spring	MD
01	26	Xu, Victor Z	Montgomery Blair HS	Silver Spring	MD
02	25	Wang, Oliver Jin	St. Robert CHS	Thornhill	ON
02	23	Wu, Wilson	Olympiads School	North York	ON
03	20*	Savage, Andrew R	King And Low-Heywood Thomas School	Stamford	CT
03	20	Rungta, Ahaan S	UMass Boston Testing Center	Boston	MA
04	26	McKeon, Connor T	Ridge High School	Basking Ridge	NJ
04	24	Huang, Yan Bill	West Windsor - Plainsboro High School South	West Windsor	NJ
05	21	Glueck, Jacob N	Thomas S Wootton HS	Clarksburg	MD
05	20*	Kato, Ryo	Walter Johnson HS	Bethesda	MD
06	21	Thompson, Matthew A	Hawken School	Gates Mills	OH
06	20*	Gray, Robert M	Hawken School	Gates Mills	OH
07	23	Xu, Justin *	Troy High School	Clarkston	MI
07	22*	Fernando, Chrisham M	Carmel High School	Carmel	IN
08	24	Yim, Justin H	Vernon Hills High School	Vernon Hills	IL
08	20*	Cuzmanko, Cameron E	Libertyville High School	Libertyville	IL
09	22*	Gromko, Zackary	Saint Stephen's Episcopal Sch.	Bradenton	FL
09	22	Haider, Momin	Stanton College Prep. School	Jacksonville	FL
10	21	Muralidharan, Shreyas	Farragut High School	Knoxville	TN
10	20*	Cowsik, Aditya R	Clayton High School	St Louis	MO
11	23	Iyer, Vishnu V	John Foster Dulles High School	Sugar Land	TX
11	22*	Bell, Brian D	John Foster Dulles High School	Sugar Land	TX
12	26	L, Tung	Arcadia High School	Arcadia	CA
12	25	Mao, David	San Diego Math Circle @ UCSD	Poway	CA
13	24*	Schlesinger, Alexander	Kehillah Jewish High School	Palo Alto	CA
13	24	Guo, Di	Monta Vista High School	San Jose	CA
14	25	Lu, Allen R	Newport High School	Bellevue	WA
14	23	Sivaprasad, Abhinand	Interlake HS	Seattle	WA

TOP FIVE OVERALL DIVISION 1 TEAM SCORES: Regions 01 – 14

<u>#</u>	<u>Reg</u>	<u>Score</u>	<u>School</u>	<u>City</u>	<u>State</u>
1	13	<i>140</i>	Saratoga High School	Saratoga	CA
2	03	<i>131</i>	Guilford High School	Guilford	CT
3	13	<i>128</i>	SpringLight Education Institute	San Jose	CA
4	13	<i>125</i>	University HS - Irvine	Irvine	CA
5	13	<i>124</i>	Mission San Jose High School	Fremont	CA

TOP FIVE OVERALL DIVISION 2 TEAM SCORES: Regions 01 – 14

<u>#</u>	<u>Reg</u>	<u>Score</u>	<u>School</u>	<u>City</u>	<u>State</u>
1	01	<i>131</i>	Montgomery Blair High School	Silver Spring	MD
2	04	<i>110</i>	West Windsor - Plainsboro High School South	West Windsor	NJ
3	11	<i>108*</i>	John Foster Dulles High School	Sugar Land	TX
4	01	<i>108</i>	Thomas Jefferson HS for Science and Tech	Alexandria	VA
5	07	<i>106</i>	Carmel High School	Carmel	IN

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.

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

Green indicates highest scoring non top 2 winner!

Top 5 overall schools are removed from the Regional competition

REGION 01

DIV 1				DIV 2			
1	112	Thomas Jefferson HS for Science and Tech	VA	1	98	Bergen County Academies	NJ
2	104	Bergen County Academies	NJ	2	91	Oklahoma School of Science and Math	OK
3	100*	Stuyvesant High School	NY	3	90*	Science Academy of S TX	TX
4	100	School for the Talented and Gifted	TX	3	90	Stuyvesant High School	NY

REGION 02

DIV 1				DIV 2			
1	112	Ay Jackson Secondary School	ON	1	85	Ay Jackson Secondary School	ON
2	103	Victoria Park Collegiate Institute	ON	2	82	University Of Toronto Schools	ON
3	99	New Westminster Secondary School	BC	3	81	Western Canada HS	AB
4	95	Sir Winston Churchill Secondary	BC	4	78	Victoria Park Collegiate Institute	ON

REGION 03

DIV 1				DIV 2			
1	109	New Canaan High School	CT	1	93	King And Low-Heywood Thomas School	CT
2	101	Hopkins School	CT	2	85	New Canaan High School	CT
3	96	Middlesex School	MA	3	74	Academy of Aerospace and Engineering	CT
4	84	Winchester High School	MA	4	71*	Greater Hartford Academy Math And Science	CT

REGION 04

DIV 1				DIV 2			
1	119	Manalapan High School	NJ	1	95	West Windsor - Plainsboro High School N	NJ
2	116	Ridge High School	NJ	2	94	Union County Magnet High School	NJ
3	113*	Bridgewater Raritan HS	NJ	3	92	Bergen County Technical High School	NJ
4	113	Millburn High School	NJ	4	86	Ridge High School	NJ

REGION 05

DIV 1				DIV 2			
1	98	Thomas S Wootton High School	MD	1	92	St Anthony High School	NY
2	97	Fayetteville-Manlius HS	NY	2	89	Thomas S Wootton High School	MD
3	94	River Hill High School	MD	3	80	Walter Johnson HS	MD
4	92	Herricks High School	NY	4	76*	Herricks High School	NY

REGION 06

DIV 1				DIV 2			
1	98	Pittsburgh Allderdice High School	PA	1	95	Hawken School	OH
2	92	B Reed Henderson HS	PA	2	87	Dallastown Area High School	PA
3	90	Hawken School	OH	3	69	Pittsburgh Allderdice High School	PA
4	89*	North Allegheny Senior High School	PA	4	60	B Reed Henderson HS	PA

REGION 07

DIV 1				DIV 2			
1	114	Morgantown High School	WV	1	93	Troy High School	MI
2	94	Detroit Country Day High School	MI	2	87	Detroit Country Day High School	MI
3	91	East Lansing HS	MI	3	56	Archmere Academy	DE
4	88	Woodberry Forest School	VA	4	55	St Stephens & St Agnes School	VA

REGION 08

DIV 1				DIV 2			
1	117	Libertyville High School	IL	1	96	Vernon Hills High School	IL
2	108	Vernon Hills High School	IL	2	91	Libertyville High School	IL
3	106	James Madison Memorial High School	WI	3	82	Northside College Preparatory High School	IL
4	81	Marshfield High School	WI	4	78	Marshfield High School	IL

REGION 09

DIV 1				DIV 2			
1	109	Walton High School	GA	1	88	Stanton College Preparatory School	FL
2	105	Stanton College Preparatory School	FL	2	85	Cypress Bay High	FL
3	98	Canterbury School	FL	3	78	Saint Stephen's Episcopal School	FL
4	96	West Shore Jr/Sr HS	FL	4	76	Suncoast HS	FL

REGION 10

DIV 1				DIV 2			
1	108	John Burroughs School	MO	1	94	Clayton High School	MO
2	104	Montgomery Bell Academy	TN	2	83	Memphis Univ School	TN
3	97	Chaparral HS	CO	3	78	Farragut High School	TN
4	95	Baton Rouge Magnet High School	LA	4	70	Chaparral HS	CO

REGION 11

DIV 1				DIV 2			
1	99	John Foster Dulles High School	TX	1	84	Grapevine High School	TX
2	90	Allen High School	TX	2	75	Allen High School	TX
3	84	Martin High School	TX	3	74	Saint Mary's Hall School	TX
4	81	Saint Mary's Hall School	TX	4	69	Taylor High School	TX

REGION 12

DIV 1				DIV 2			
1	123	North Hollywood High School	CA	1	96	The Bishop's School	CA
2	110	Temple City Homeschool	CA	2	84	San Diego Math Circle @ UCSD	CA
3	109	Arcadia High School	CA	3	77*	Arcadia High School	CA
4	106	Palos Verdes Peninsula High School	CA	4	77	Palos Verdes Peninsula High School	CA

REGION 13

DIV 1				DIV 2			
1	112	Monta Vista High School	CA	1	104	Monta Vista High School	CA
2	102	Henry M. Gunn High School	CA	2	94	Evergreen Valley High School	CA
3	95	The Nueva School	CA	3	92	The Harker School	CA
4	84	Stanford OHS	CA	4	91	San Francisco University High School	CA

REGION 14

DIV 1				DIV 2			
1	111	Minnetonka High School	MN	1	88	Interlake HS	WA
2	99	Radley College	UK	2	72	Saint John's Prep School	MN
3	95	Academy Of Holy Angels	MN	3	68	Kentridge High School	WA
4	94	Edina Center For Academic Excellence	MN	4	64	Catlin Gabel School	OR