

2010-2011 Science Club Accomplishments

Paschal High School wins the UIL Science State Championship!

Paschal competed in the State UIL competition on Saturday, May 7th, 2011 and managed to win Science! The University Interscholastic League is the same organization that oversees football, basketball, soccer, swimming etc. in Texas. Students had to compete at the district, regional, and state level to earn this honor.

The purpose of the Science Contest is to challenge high school students to do a wide range of reading in biology, chemistry and physics, to gain an understanding of the significance of experiments rather than to recall obscure details, to be alert to new discoveries and information in the areas of science, to gain an understanding of the basic principles as well as knowledge of the history and philosophy of science, and to foster a sense of enthusiasm about science and how it affects our daily lives.

The contest consists of a two-hour objective test with 60 questions – 20 from biology, 20 from chemistry and 20 from physics.

We had the highest overall team score, the highest individual score (Dominic Yurk) and the highest chemistry score (Erik Nguyen). Paschal High School and Fort Worth ISD are extremely proud of these students and their accomplishments.



From left to right:
Dominic Yurk (5A individual State Champion), Sai Gourisankar, Charles Jang, Erik
Nguyen (Chemistry 5A State Champion)

The Paschal 9th/10th team won the State Title in the JETS TEAMS competition, and finished 3rd in the nation!

The Paschal 11th/12th team placed 9th in the nation!

The JETS TEAMS program is an annual high school competition challenging students to work collaboratively and apply their math and science knowledge in practical, creative ways to solve real everyday engineering challenges. After participating in TEAMS, students increase their knowledge of engineering, feel more confident about participating in engineering activities and increase their ability to work with others to solve complex problems.



9th/10th Team from left to right - John Perry, Dominic Yurk, Erik Nguyen, Abraham Sharaf, Aashna Bhatia, Will Harvey, Amritha Gourisankar



11th/12th Team from left to right - Luke Willson, Avinash Murugan, Reid Boller, Parker Berg, Sai Gourisankar, Matthew Roberts, William Lyles, James Schulman

Five members of the Paschal Science Team - Dominic Yurk, Erik Nguyen, Sai Gourisankar, Reid Boller and William Lyles attended the National Science Bowl in Washington D.C.

The team earned this all expenses paid trip by winning the Regional Science Bowl at UT Arlington. The competition includes 69 high school teams, each of which had to win a regional competition in order to earn an invite to the National Science Bowl.

The national event was held Thursday April 28th through Monday May 2nd. Student spent the first evening touring the monuments, and all day Friday was spent exploring the museums. Saturday there were lectures by several prominent scientists followed by a team competition. Sunday was the beginning of the Science Bowl competition and students played a total of 8 matches to determine who would enter the double elimination tournament. Paschal won 4 matches and lost 4 matches, a considerable improvement over last years record of 2 wins and 6 losses.

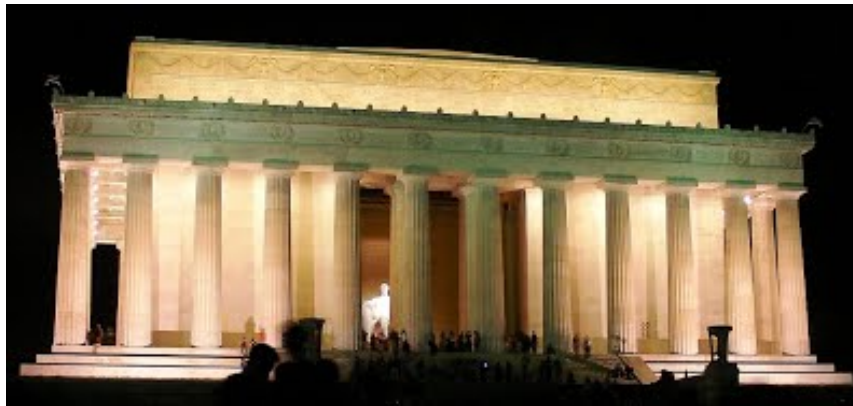
Paschal High School is extremely proud of these students accomplishments and wish them the best of luck in their future science endeavors.



The team just before competing.



The team sitting on the Einstein Statue. From left to right: Reid Boller, William Lyles, Dominic Yurk, Erik Nguyen, Sai Gourisankar



Lincoln Monument

The Paschal Science Team Wins State Championship!

Paschal High School in Fort Worth, Texas has won the 5A Science TMSCA (Texas Math and Science Coaches Association) State Championship, a first for Fort Worth ISD. The competition was held at UT San Antonio the second weekend of spring break. In attendance were 28 high schools from across the state. The State Meet includes three mathematics competitions and a science competition. The science competition is a 60 question exam composed of 20 questions covering Biology, 20 questions covering Chemistry and 20 questions covering Physics.

The Texas Math and Science Coaches Association was formed in 1981 to enhance competition of a homogenous kind throughout the state of Texas in University Interscholastic League (UIL) math and science contests through grade level and team

competition in a standard contest form. Increase interest and participation in the UIL sponsored math and science events.

Offer state level contests sponsored by TMSCA.

Enable Texas math and science sponsors to have a line of communication to the Legislative Council of the UIL and to the UIL state directors.

Paschal had the highest team score with a 744, followed by Dulles High School (Sugar Land, TX) with a 660 and Martin High School (Arlington, TX) with a 596. Paschal had the highest overall Sophomore score by Dominic Yurk (the best overall score of the entire meet!), the best overall Junior score by Charles Jang, the best overall Senior score by Sai Gourisankar, the number one overall Chemistry score by Erik Nguyen, and the number one Physics score by Dominic Yurk. Several other Paschal Students had personal bests and represented Paschal High School with Honor and Integrity.

This is just the latest news during this banner year for the Science Team. The Paschal science team has advanced in the Physics Olympiad, Chemistry Olympiad, Biology Olympiad, won the JETS Teams competition (currently ranked #1 in the State) and the Regional Science Bowl.

Friday Paschal will compete in the District UIL academic competition and toward the end of April will be competing in the National Science Bowl in Washington DC against some of the brightest high school students in the Nation!



[The winning team and individuals \(from left to right\):](#)

[Erik Nguyen](#)

[Charles Jang](#)

[Dominic Yurk](#)
[Sai Gourisankar](#)



The Paschal Students that competed in Math and Science at the State Meet



The Trophy

The Paschal Science Team and AP Biology Class produces 4 semifinalists in the Biology Olympiad!

As the premiere biology competition for high school students in the United States, the USA Biology Olympiad enriches the life sciences education of nearly 10,000 talented students annually. It provides the motivation, curricular resources, and skills training to take them beyond their classroom experience to the level of international competitiveness.

After two rounds of challenging exams, twenty Finalists are invited to a residential training program where they learn advanced biological concepts and exacting lab skills at Purdue University. Ultimately, four students earn the right to represent the USA at the International Biology Olympiad (IBO), a worldwide competition involving student teams from roughly sixty countries.

This year the competition will be in Taiwan!

The four semifinalists from Paschal are:

Dominic Yurk

Sai Gourisankar

Drew Nelson

Charles Jang

[See a clip from NBC news.](#)

Paschal Science Team Catabolizes Competition

The Paschal Science Team was at the University of Texas at Dallas today competing in the Junior Engineering Technical Society TEAMS competition. The competition was fierce but our 9th and 10th grade team managed to win first place in their division. The 11th and 12th grade team also had an impressive first place victory. The Paschal Science Team's next competition will be this Saturday at Summit High School in Mansfield.



Senior Team from left to right:

Luke Willson, Avinash Murugan, Reid Boller, Parker Berg, Sai Gourisankar, Matthew Roberts, William Lyles, James Schulman



Sophomore Team from left to right
John Perry, Dominic Yurk, Erik Nguyen, Abraham Sharaf, Aashna Bhatia, Will Harvey,
Amritha Gourisankar

The Paschal Science Team Wins the Regional Science Bowl

The R. L. Paschal High School Team won the Regional Science Bowl for the second straight year. The competition consists of teams of 4 students that compete against another team using a buzzer system. The team that buzzes in first has an opportunity to answer a toss up question in one of six categories - biology, physics, earth and space, energy, chemistry and mathematics. The team that answers correctly earns four points and a chance at a bonus question in the same category for 10 points.

The competition was fierce with several impressive teams showing up, including the Dallas Science and Engineering Magnet as well as Jasper High School out of Plano. Paschal won first and third place while Jasper won second. Dallas SEM placed fourth.

The winning team advances to Washington DC for an all expenses paid trip by the U.S. Department of Energy to compete against the best science students in the Nation.

[Watch a clip from NBC New](#)

Link to the National Science Bowl if you would like more info

<http://www.scied.science.doe.gov/nsb/>



Photo #1 is of the championship team. From left to right are: Coach Andrew Brinker, Sophomore Erik Nguyen, Junior William Lyles, Sophomore Dominic Yurk, senior Reid Boller, and Senior Sai Gourisankar.



Photo #2 is of Team 2 that placed 3rd overall in the competition. From Left to right are: Aashna Bhatia, Amritha Gourisankar, Abraham Sharaf, Avinash Murugan, Matthew Roberts, Coach Andrew Brinker

The Paschal Science Team defends Academic Honor in Flower Mound

This past weekend (January 8) the Paschal High School Science team had a great showing at the Flowermound academic competition. More than 20 high schools competed at the meet including powerhouses like Flowermound and Highland Park. Paschal had the highest score out of 194 students that took the science test. Dominic Yurk scored a 320 (the highest score ever to come out of Paschal in Science). Erik Nguyen also had a personal best with a 274 and Matthew Roberts had a personal best with a score of 190. Abraham Sharaf competed for the first time and had an outstanding

score for the first time taking a test. Other personal bests were made by Amritha Gourisankar, Nicole Moreno and Amy Kruzick.

Paschal will be competing in the Regional Science Bowl on February 12th! The competition is at the UTA School of Engineering and is open to the public.



The Science Team competed this past weekend (December 4th) in Aledo. We had the highest overall science score of the entire meet (congrats to Dominic Yurk). As well as the highest overall biology score (congrats to Avinash Murugan). We won second place team in the 11/12 division and first place team in the 9/10 division. Paschal also won both Biology and Physics in the 9/10 category (congrats Dominic Yurk) and Chemistry in the 9/10 division (congrats to Erik Nguyen). Several students scored personal bests including Reid Boller, William Lyles, Nicole Medrano and Aashna Bhatia.

Paschal Science Team's Successful Weekend

The Science Team competed at the Birdville Academic Meet this weekend. We had the first overall Biology score (Dominic Yurk) the first overall Chemistry score (Erik Nguyen) and the first overall Physics score (Sai Gourisankar). We also had the winning 9th/10th science team and the #1 science score for the entire meet (Dominic Yurk). All the Paschal students did well in the competition with several personal bests and many impressive gains.

There were more than 10 high schools present including the prestigious Texas Academy of Mathematics and Science!



Part of the Science Team that Competed at Birdville this weekend. From left to right Avinash Murugan, James Schulman, Amritha Gourisankar, Aashna Bhatia, Luke Wilson, Parker Berg, Nicole Moreno, Sai Gourisankar, Amy Kruzick, Erik Nguyen, Dominic Yurk, Reid Boller, Matthew Roberts, William Lyles and Coach Andrew Brinker.



The medals and awards from the Birdville Academic Meet.