# Oak Ridge Schools

# ACCOMPLISHMENTS

2013-2014

**OAK RIDGE SCHOOLS ACCOMPLISHMENTS**
**2013-2014**

***OAK RIDGE HIGH SCHOOL***

One ORHS student earned a perfect score on the ACT national college admissions examination.

ORHS had 11 semi-finalists for the National Merit competition who scored in the top 1% in the state and 11 Commended scholars through National Merit who were in the top 2-3% in the state. Nine of the eleven semi-finalists were named as finalists.

An ORHS senior won the Tennessee Junior Science and Humanities Symposium and advanced to the national competition.

At the Southern Appalachian Science and Engineering Fair, Senior Division competition, students from Oak Ridge High School were named Grand Champions and Reserve Champions and advanced to the International Science and Engineering Fair. ORHS students also placed 3rd through 5th in the competition. Ten students received local and national special awards.

Two students qualified for the American Invitational Mathematics Exam by placing in the top 5% in the nation on the American Mathematics Competition exam.

One student was selected to participate in the 2nd round of the North American Computational Linguistics Olympiad.

In Regional testing for the TMTA State Math Contest, ORHS students placed 1st through 10th in Algebra 2, Precalculus and Calculus and Advanced Topics. They also took the top 5 positions in Statistics. Two Algebra 2 and three Precalculus students ranked in the top 10 in East Tennessee. One Algebra 2 student and two Precalculus students placed in the top 10 in the State.

An ORHS senior served as the State President of Mu Alpha Theta. At the State Convention ORHS students placed 1st and 2nd in the Mu Ciphering Test; 1st and 3rd in the Mu Individual Test; 3rd in the Mu Chalk Talk; 1st in the Alpha Chalk Talk; 3rd in the Interschool Test; and 1st in the Math Bowl.

Ten students spent the summer of 2013 as student researchers in various assignments through the Math Thesis Program. Two were chosen as Siemens Math, Science and Technology regional semifinalists.

Six students won awards at the State and National level for their aspirations in computing from the National Center for Women and Information Technology (NCWIT).

The ORHS Science Bowl Team finished first in the 2014 Tennessee Regional Science Bowl Competition. They won the third largest competition in the country and traveled to Washington, D.C. for national competition. There were ten AP Environmental Science students who placed first on the National Environmental Science Exam and ten students who placed first on the National Science League Chemistry Division exam. ORHS had one student selected to serve on the Site Specific Advisory Board.

The Virtual Enterprise and Digital Arts and Design classes at ORHS were selected by Crosland Southeast to help in the branding and marketing for the redevelopment of the former Oak Ridge Mall space.

There were several students who competed at both the Region and State level for Future Business Leaders of America. Out of these placements, there were three 1st place winners, three 2nd place winners and one 5th place winner.

The 2013-14 Oak Log yearbook, the *Oak Log*, was inducted into the Walsworth Gallery of Excellence, a showcase of the best yearbooks published by Walsworth. Yearbooks in the Gallery demonstrate comprehensive coverage of the school year, innovative design, and superior copy. The staff was used as idea generators, models and inspiration for other schools.

Two members of the International Relations Club were named Outstanding Delegates at the North American Invitational Model United Nations. Three other members received Honorable Mention or Verbal Commendation awards.

The ORHS Scholars Bowl Team won the East Tennessee PBS televised tournament for the 5th time as a school, the most in the 30-year history of the tournament. This team was also ranked 9th out of over 1500 competitive teams from the USA, Canada, the United Kingdom, Hong Kong, and China.

The first ever ORHS Philosophy Club team won 3rd place at the University of Tennessee's Ethics Bowl.

The World Language Department reported that seven French students received national recognition on the Grand Concours (the National French Exam).

The Oak Ridge High School TEAMS Technology Student Association took park in the regional competition this year. The 9/10 grade team won 1st place in the regional competition and 2nd in the State Team Rankings. The 11/12 grade team finished 3rd in the region division. TEAMS is a group problem solving competition that consists of Tests of Aptitude in Engineering, Mathematics and Science. There were several TSA students who placed 1st, 2nd and 3rd in the State Technology Student Association Competition at the TSA State Conference in Murfreesboro.

The three Performing Arts groups; Band, Choral and Orchestra, had students who competed and earned rights to participate in the All East, All State and ETSBOA competitions.

Nineteen students from the theatre arts program at Oak Ridge High School were inducted into the International Thespian Society.

Several students in the Visual Arts Department competed and were recognized in the East Tennessee Arts Regional Student Art Exhibition and TVA & I Fair Art Exhibit.

The ORHS Robotics Team, 4265 Wildbots, advanced to the World Championship for the third consecutive year by winning the Smoky Mountain Regional Competition. In addition to winning the Regional Championship, the team won the prestigious Innovation in Control Award. The team was awarded the "Excellence in Engineering" Award at the World Robotics World Championship in St. Louis.

***OAK RIDGE HIGH SCHOOL STAFF***

Kristi Bailey, ORHS Art teacher, had work accepted in Art Source 2014.

Dr. Renee Colquitt, Math Department teacher, earned her Ph.D from the University of Tennessee, Knoxville in Teacher Education with a concentration in mathematics education. Her dissertation title was Social Justice in Mathematics Education.

Kayla Gass, English teacher, had research published in National Council of Teachers of English in October 2013. Her research was focused on the teacher's role and importance in a classroom which consisted of students involved in gangs. It stressed the importance of school safety, teacher involvement and investment in all students, and reading literature that reflected students of all backgrounds and cultures. In May of 2014 she was chosen to present her findings at Vanderbilt University at Critical Race Studies in Education Conference.

Keith Jackson, Math Department teacher, was named an AP Reader for Computer Science by the College Board and selected as a national consultant for Code.org.

Mike Mullins, ORHS Athletic Director, received the National Interscholastic Athletic Administrators Association, State Award of Merit, Athletic Director of the Year in Tennessee.

Dr. Elaine Vaughan, Math Department teacher, earned her Ed.D degree and renewed her National Board certification. Dr. Vaughan also served on the State Math Textbook Reviewers' Committee for the math adoption cycle.

Anna Wakefield, ORHS Art teacher, had work accepted into the Annual Juried Art Exhibition at the Oak Ridge Art Museum.

Gordon Williams was selected to be a member of the National Instruments (NI) Elite Educators program. Twenty-five educators from universities and high schools from across the USA were selected in the inaugural class. The NI Elite Educators program is a group of education professionals who constantly seek new ways to empower students, both in and out of the classroom. NI Elite Educators are thought leaders in science and engineering education, chosen for this program because of their unique approach to teaching with technology.

***ROBERTSVILLE MIDDLE SCHOOL***

The annual Pellissippi State Math Contest was held with 25 Robertsville students participating. One 6th grader placed 10th in the competition. RMS 7th grade had students who placed 3rd and 10th and one 8th grader placed 2nd.

The TMTA math competition at Roane State was held with 4 students participating. Two 7th graders placed in the top 10 in the Algebra 1 division and two 8th graders placed in the top 10 in the Geometry Division.

The Robertsville Middle School chapter of the Technology Student Association (TSA) just returned Sunday evening from the 2014 Tennessee State Conference in Murfreesboro. This was one of the largest conferences in Tennessee TSA history with nearly 800 students in attendance. Robertsville had the largest chapter in attendance with thirty-two 6th, 7th, and 8th grade students competing. This was the first year in our chapter's history that students finalized in every event that required multiple rounds of judging. TSA also represented our school at the 2014 TSA East Tennessee Regional Conference at Karns Middle School. Middle and High School students from all over East Tennessee competed in fourteen events. Eighteen RMS students placed in the top 5 of their events and four students placed first place.

The 2013-14 RMS Ninjineers FIRST LEGO League Team 4508 competed at the 2013 East TN State Championship in Cookeville, TN and won 2nd Place Mechanical Design.

The Robertsville music department continues to be recognized as a distinguished program winning top awards at festivals and competitions. The RMS Orchestra had 9 students selected for ETSBOA Junior Clinic. In the Dixie Classic Music Festival in Atlanta, Georgia, the 7th and 8th grade Orchestra performed at Atlanta Symphony Hall and received Superior ratings. The 5th & 6th grade Orchestra additionally received Superior ratings at the Music Showcase Festival Concert Competition at Dollywood. The RMS Bands enjoyed a terrific year with performances at Knoxville Opera's Rossini Festival, King's Island Music in the Parks, and at Oak Ridge High School. The combined Robertsville and Jefferson Middle School Bands were rated as "Excellent" at Music in the Parks and several students were selected to participate in the ETSBOA Junior Clinic. The RMS 7th and 8th Grade Chorus participated in the Music Showcase Festival at King's Island and was awarded 1st Place with a rating of "Superior" among all Middle School Mixed Choirs.

***ROBERTSVILLE MIDDLE SCHOOL STAFF***

Cathy Ginel, RMS 7th grade science teacher, was selected to participate in the SCORE Fellowship. The State Collaborative on Reforming Education (SCORE) recently launched the Tennessee Educator Fellowship. Cathy was selected to participate and will have the opportunity to collaborate and amplify the teacher voices at RMS and the Oak Ridge School System. Score interviewed 45 candidates out of 370 applicants and Mrs. Ginel was selected.

***JEFFERSON MIDDLE SCHOOL***

Four JMS students earned Certificates of Achievement from the Mathematical Association of America based on their scores from the American Mathematics Competition. Two JMS students tied for 1st place, one 2nd place, and one 3rd place.

Students earned Certificates of Excellence from the Math Counts state organization where Jefferson Middle School took first place in the region and 3rd in the state.

In the Sigma Math League competition, JMS students placed 1st, 2nd, and 3rd.

In the Rocket City Math League competition, JMS students placed 1st and 2nd.

In the Tennessee Mathematics Teachers Association contest at Roane State, one student took first place for Algebra II for the regional competition.

The JMS math Enrichment Club continues to be recognized as a top-notch mathlete group. At the Muscle Shoals 11th Annual Mathematics Tournament with thirty nine competing middle schools, 11 out of 22 JMS participants received trophies for their high individual scores. Additionally, Jefferson Middle was awarded the first place in the fifth grade, sixth grade, and Algebra categories and the second place in the pre-algebra category.

In February, JMS mathletes participated in one of the most popular and challenging math tournaments in the nation's eastern southern region; the Pizitz Middle School Tournament in Birmingham, Alabama. JMS was one of the 60 competing schools. Out of 152 sixth graders, our mathletes took the first, third, eighth, and ninth individual places. JMS was awarded the first place school trophy for the 6th grade category along with the second place in pre-algebra, and first place in the eighth grade category.

At the Mathcounts Chapter competition taken place at the University of Tennessee, the JMS team took first place qualifying to represent Oak Ridge and the Knoxville Chapter at the State competition. Of the eight students to advance to the state level competition, seven were from JMS. The team placed third at the state competition.

At closing of the school year, JMS was awarded the first place in 6th grade and 7th grades categories during the Pellissippi Middle School Math Tournament.

The JMS FIRST Lego League, Atomic Eagles, received the 1st Place Champion's Trophy at the Knoxville Regional Qualifier on November 16, 2013 and the 1st Place Gracious Professionalism Trophy at the East Tennessee State Competition.

The JMS 7th & 8th Grade chorus, combined with the RMS chorus, made a rating of "Superior" and took First Place in the Music in the Parks Choral Festival in Cincinnati, Ohio, in May 2014.
The JMS Band had 11 students selected to participate in the ETSBOA Junior Honor Band Clinic. The JMS 6th Grade Band received "Superior" ratings for their performance in the Music in the Parks festival held at Dollywood finishing 1st in their class and 2nd overall in the Middle School classification. The combined Jefferson/Robertsville 7th & 8th Grade Band participated in the Music in the Parks festival held at Kings Island in Cincinnati, OH. The combined band was the highest scoring ensemble in the Junior High classification.

The JMS Science Bowl team, coached by Jill Williford, won first place in the East TN Regional Science Bowl competition among 16 area teams at Roane State. The team received an all-expense paid trip to compete in the National Science Bowl in Chevy Chase, Maryland; JMS tied for ninth in the nation, one of the few public schools in the nation to place in the top twenty. In addition, The Science Bowl team attended a national monument tour and had an opportunity for extensive studies at the Smithsonian museums.

In this year's Physical Fitness Awards, 70 JMS students earned the Silver Fitness Star and 26 students earned the Gold Fitness Star.

***LINDEN ELEMENTARY SCHOOL***

Linden had twenty-three 3rd and 4th grade girls complete the "Girls on The Run" program. Each one of them ran a 5K at the end of the season.

A 2nd grade student won the Your Art Month state flag contest for the primary category.

A 4th grade student was a finalist in the annual Dogwood Arts exhibit.

***LINDEN ELEMENTARY SCHOOL STAFF***

Lisa Buckner was an ORAU Extreme Classroom Makeover Finalist and received $5000 for her classroom; attended the Tennessee STEM Leadership Academy in Nashville and received a $1000 grant for classroom materials; and received a $3,600.00 grant from ORPSEF grant for LEGO Robotics kits and Tablet PC materials.

Jules Cureton received an ORAU grant in the amount of $1100 for iPads and math apps to facilitate access to the kindergarten math curriculum for students with autism.

***WOODLAND ELEMENTARY SCHOOL***

The Woodland Chess Club participated in the Fall Regional state team chess tournament and had four 3rd place winners that qualified for the State and four 7th place winners. In the Spring Regional state tournament there were four 4th place winners that qualified for state and two 6th place winners.

Woodland had one student whose artwork was chosen to be in the Dogwood Arts Student Exhibition this year. Only two pieces were allowed to be chosen from the whole school to send and then it is juried, so this is a huge accomplishment.

***WOODLAND ELEMENTARY STAFF***

Katelynn Olvey received a $3,308 Literacy grant from the Breakfast Rotary Club for iPad minis.
Cherie Adcock received a $1544.48 grant for ESL from ORSEF Cross District Lesson on Titanic and trip.
Evan Parker received a $1500.00 Grant from ORAU for 2 or 3 EiE Sets.

***GLENWOOD ELEMENTARY SCHOOL***

The State of Tennessee awarded Glenwood Elementary the Lottery for Education After-School Programs Grant for our continuing extended school day and summer programs.

Two UCOR Grants were awarded to Glenwood Elementary for our STEM Supplements and Fourth Grade Magazine.

The American Heart Association recognized Glenwood Elementary a one of the top fundraising schools for our participation in Jump Rope for Heart.

One Glenwood student was awarded a first place ribbon and a cash prize at the Dogwood Arts Festival Student Art Contest.

***WILLOW BROOK ELEMENTARY SCHOOL***

Willow Brook's Full Cycle Club was rewarded for their environmental efforts with $1,000 for having one of the top 10 school recycling programs in the state of Tennessee through Eastman Chemical Good Sports Always Recycle. These students and teacher sponsors were recognized during an on-field presentation at the University of Tennessee versus South Carolina football game last October.

Willow Brook provided 427 students with before and after school programs funded through the State 21st Century Community Center grant of $85,000. Furthermore, a $20,000 supplement was granted, which provided additional afterschool opportunities for our students.

One 3rd grade student had their Picasso Portrait accepted into the Dogwood Arts Festival Student Art Exhibition at the Thompson Center for the Arts on Maryville College campus. This student's portrait won overall for their age group.

Willow Brook was awarded $1,045 from Food City's School Bucks Education Program.

Our Readers and Leaders program had 24 reading volunteers who tutored 27 students and logged in 918 hours of reading time.

Willow Brook's Family Impact Center provided thirteen parenting/family activities and workshops throughout the year.