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DCPS students advance to STLP State

Thirteen teams of students representing eight Daviess County Public Schools will advance to the state level of the Student Technology Leadership Program in Lexington in March 2018 after qualifying at the regional competition at Western Kentucky University on Dec. 4.

“Several of our schools participated in this STLP (Student Technology Leadership Program) event and **all** of them had projects that have qualified them to move forward to the State Competition to be held in March 2018,” said Annette Sapp, DCPS technology integration specialist. “These groups will travel to Rupp Arena with schools from all over Kentucky to showcase their projects and compete for state titles.”

According to the KDE STLP website: “The Kentucky Department of Education’s Student Technology Leadership Program (STLP) uses project-based learning principles to empower student learning and achievement through the utilization (and creation) of technology to solve school and community needs. STLP provides a means for student to design, make, connect and learn. Student products, projects, and services are showcased through local, regional, and state events.” For more information about STLP, visit <http://stlp.education.ky.gov/>

PHOTOGRAPHS AVAILABLE TO MEDIA UPON REQUEST

THREE PROJECTS ADVANCED TO STATE COMPETITION – MLES and AES:

Meadow Lands Elementary School
3500 Hayden Road

270-852-7450
Scott Morgan and Jenna Allen

Three teams of students from Meadow Lands Elementary School will advance to the state competition. (Three photos available.)

“The Frog Pond” members are Keegan Hatfield, Reese Boswell, Alyssa Rhineburger, Gracie Lawson and Teresa Martinez (not pictured: Madi Higdon). “The Frog Pond” is a digital “lost and found.” Students take pictures of lost and found items such as jackets and enter the images into an online database where parents and students can view items and submit claims. Parents may also notify the school if a student loses an item so it can be returned promptly when found.

“Poster Your Classroom” members are Lincoln Hoffman, Reggie Ragland and Brayden Ford (not pictured: Gavin Howard and Christian Snyder). “Poster Your Classroom” is a project in which students create posters for teachers, administrators and the MLES PTO. Students may use Google Drawing to create original posters for the classroom or to enlarge images that teachers already have. Students created a Google Docs form for teachers to request posters and a form for teachers to give them feedback on their service.



Davies County Public Schools

“Helping Hearts” members are Jake Cowen and Daniel Kwok (not pictured: Brock Payne and Tania Martinez). “Helping Hearts” helps kids living in areas impacted by disasters by teaming up with Compassion International. The MLES team is organizing a fundraiser during the Valentine season and will sell candygrams raise money for these children. All money raised will go directly to Compassion International, which provides services and resources to children who may have lost their homes or belongings, or who need food and water following a natural disaster.

Audubon Elementary School 300 Worthington Road

**270-852-7150
Andrea Head**

“Dance Blue” teacher sponsor is Allie Riney. Members include Campbell Dillbeck, Adream Tatum, Briley Powers, Daniel Marshall, De’Shawn Chatman, Sophey Jennings, Brianna Buchanan, Addison Bowman, Rachel Fulkerson and Elizabeth Clouse. This group is working with Apollo High school to bring a mini Dance Blue marathon to Audubon for the second year. Dance Blue originated at the University of Kentucky as a fundraiser to help children with critical illnesses. The students will be creating posters, videos, blog post, and their own website in order to promote the marathon that will happen in February. They will also be creating an online registration form and organizing fundraisers to help support this cause.

“Social Robots” teacher sponsor is Allison Plemmons. Members are Ty Lillpop, Tyce Jarvis, Jasmine Gonzalez, Colin Riley, Sloan Edmonson, Jake Reddish, Ballard Branham and Connor Mills. This group is creating a website/YouTube channel with helpful videos to teach social and safety lessons. The goal is to use acting, storytelling, and robotics to teach the topics. The students will be creating videos and a website to share their content. The students have written their own scripts for each of their videos. They will also be diving into computer coding in order to turn their robot into different characters for their stories.

“Book Sneak Peek” teacher sponsor is Jessica Scates. Members include Maddox Evans, Michael Travis, Blake Vogt, Shelby Wright, Maxton Meadows, Kenlee Ditto, Wyatt Sanders and Elijah Mills. This group surveyed the students at Audubon to find out what type of books they like to read. They are working on creating book trailers and book talks to share on our daily newscast so that students can get a sneak peek at a book that they might want to read. These students are also going into classrooms and teaching other students how to create book trailers using the iMovie software on iPads.

“STLP is a wonderful organization that allows students to be creative while using technology,” said Audubon STLP coach Andrea Head. “It enables them to be leaders in the school by being positive role models for other students. Audubon has its largest group ever with a total of 31 students this year. All of the students worked hard to get these project started and will continue to work on these throughout the year. The school will also be participating in the Digital Online Project Judging and State Live events.”

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Daviess County Public Schools

TWO PROJECTS ADVANCED TO STATE COMPETITION – BMS:

Burns Middle School
4610 Goetz Drive

270-852-7400
Melissa Shoulta and Teresa Perkins

Two teams of Burns Middle School students will advance to the state competition in Lexington on March 29. The following projects were selected as winners at the regional level:

“360 Hotspots” – Team members Kyla Thomson, Michael Lovett and Blake Mullins have taken 360-degree photographs of several landmarks around Owensboro and Daviess County and created hotspots on Google Tour Builder with a goal of promoting tourism in our community. The students will submit their visual tour to the Convention and Visitors Bureau.

“Puzzle Pieces Marketing Video” – Team members are Dylan Clark, Lynard Hancock and Shawn “Ben” Gould. Puzzle Pieces, a local non-profit organization that provides services, support and resources for disabled individuals, is launching a new program called Community Mentors, which is being piloted by students at Tamarack Elementary School. BMS has complied video footage to create a marketing video using iMovie to help promote this new program when it is released to the public.

ONE PROJECT ADVANCED TO STATE COMPETITION – AHS, CHES, DCHS, EVES, HES:

Highland Elementary School
2909 Kentucky 54

270-852-7370
Laurie Campbell

“Hungry Highland Hornets” team members are Anabelle Childress, Charlotte Waldron, Summer Butts, Kaylee Alexander and Molly Fuqua. (Not pictured: Ellyn Van Wyk, Kate McCain and Macy Roberts.) These students have developed a program that will allow students to select their daily lunch choices electronically, with a goal of benefitting the school through time savings and accurate lunch counts. Team advisor Laurie Campbell said, “The STLP experience allows students to make a direct, positive impact on issues that affect them daily and allows them to serve their school community. Problem-solving skills will serve these students well in their future endeavors.”

Daviess County High School
4255 New Hartford Road

270-852-7600
Stephen “Barney” Hall

Daviess County High School STLP team members Christian Vance, Ashton Crowe, Grant Fischer and Justin Fuqua are attempting to earn back-to-back STLP championships for DCHS as this new group of students takes their “Hydro-sens” project to the state Student Technology Leadership Program competition in Lexington in March. The students are developing the “Hydro-sens” sensor that will measure the lactic acid in an athlete’s sweat; results are linked to an app that will help determine whether an athlete is dehydrated. The DCHS Hydro-sens team will also compete in the Kentucky Lt. Governor’s Entrepreneurial Challenge (LGEC) later this year.

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Daviess County Public Schools

Country Heights Elementary School

4961 Kentucky 54

CHES fifth-grade students Leland Fulkerson and Ben McAdams competed in the Scratch Ambassador service category (computer science/coding) at the STLP Regional at WKU on Dec. 4. Both students were invited to state in March to be a member of the Scratch Ambassador team. Leland scored a perfect score of 100 and Ben scored 90 out of 100.

270-852-7250

Tonya Fleming and Barbara Poynter

East View Elementary School

6104 Kentucky 405

Five fifth-grade STLP students are acting as “Technology Tutors” for several of kindergarten students at East View Elementary School. They are teaching kindergarteners how to use some of the Google for Education Apps. “We are utilizing STLP as an outlet to help kindergarten students in building skills for life. We want them to grow into productive citizens,” team sponsor Hannah Harper said. “I am very proud of all their hard work and dedication they had to this project. These students chose to spend their recess time, working with kindergarten students and teaching them how to utilize Google Slides. It was amazing to see how the fifth-grade leaders worked with the kindergarten students. The kindergarten students have done really well with what the STLP members taught them. It was a great learning experience for both the STLP members and the kindergarten students. I am excited to see what our STLP members will accomplish throughout the school year on this ongoing project.” STLP team members are Gracie Meserve, Grayson Thomason, Andrew Brown, Lauren Clark and Ethan Payne. They are assisting kindergarteners Macy Lee, Weston Akers, Jamison Basham, Alyssa Brown and Caleb Piper.

270-852-7350

Hannah Harper and Amber Rohleder

Apollo High School

2280 Tamarack Road

Emma O’Bryan and Ashlyn Benson qualified to go to State with an impressive score of 96 out of 100 at the Region 2 Student Technology Leadership Program Showcase at Western Kentucky University. Their project, which now advances to the state contest in March, is on using Dash to teach programming to elementary students. “These are two of our Engineering Academy students who are applying what they learn in class to help teachers,” said STLP coach Steven May. “They are looking at creating a curriculum that would allow teachers with little background in technology to learn and teach the basics of programming.”

270-852-7100

Steven May

DCPS director of instructional technology Anthony Sparks said, “STLP provides invaluable opportunities for students to learn how to solve problems while working as part of a team. They learn how to view a challenge or a problem from other points of view, analyze various factors that affect a situation, and ultimately create a stance or a solution. This process allows students to develop under careful guidance and simultaneously mature into productive adults. And as a bonus, STLP activities are as much fun as they are educational!”

Aaron Yeiser, who serves as a technology integration specialist for the DCPS district, said, “The end-goal of what we do as teachers focuses on what students know and do. Teaching students complex problem-solving and creation skills are not always easily accomplished in the confines of the classroom. Think of that as teaching a person to swim in a sandbox. Thus, it is when students get involved in extra-curricular programs like STLP that we can engage students in real-world content and motivate them to produce authentic solutions. That is the teaching and learning process at its best.”

For more information, contact DCPS Public Information Officer Lora Wimsatt
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