



Grapevine

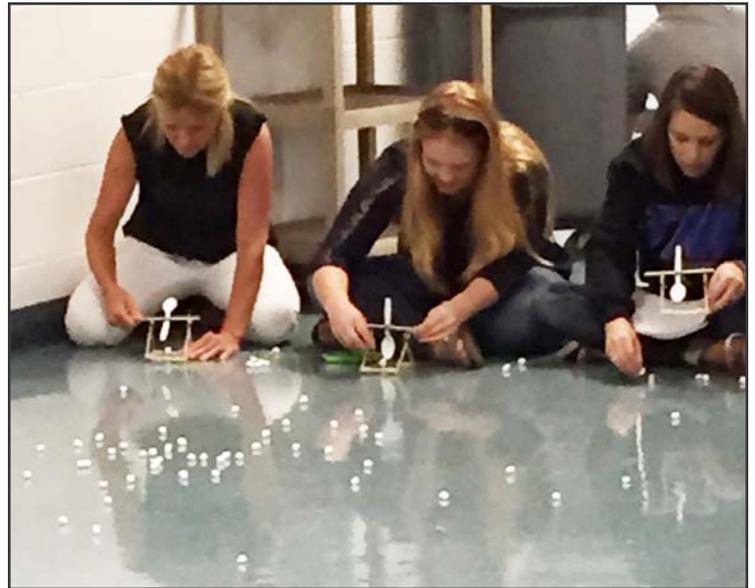
Daviness County Public Schools staff newsletter Sept. 7-11, 2015

Laying the Foundation

“Laying the Foundation” is a professional development program offered to teachers at all grade levels in the areas of mathematics, science and English through the National Math and Science Initiative. The program is designed to help teachers prepare students for the rigors of AP-level courses.

Apollo High School hosted a ‘Laying the Foundation’ training in mathematics and English in July 2015. Trainers included Kelly Moore, instructional coach at Sorgho Elementary School.

DCPS educators discussed the content of AP courses and explored ways to support that content in lower grades. As these photographs illustrate, the training included opportunities for collaboration, critical thinking and hands-on active learning.



Teachers focus on simple machines designed to fling marshmallows at the greatest possible distances as part of an activity to inspire the best ways to engage and instruct students in Advanced Placement-level courses.



Kelly Moore, left, assists a colleague with the creation of a catapult during a hands-on learning activity at the Laying the Foundation professional development.

More photos on next page

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Laying the Foundation



Kelly Moore, instructional coach at Sorgho Elementary School, was among the facilitators at this summer's Laying the Foundation professional development, which is designed to help teachers prepare students for the rigors of AP-level courses. "Three years ago, elementary was added for grades 3-5," she said. "In the elementary training, teachers may choose to attend math/science or ELA/social studies. When looking at the big picture of vertical alignment, teachers will see how lessons from the elementary modules will prepare students for middle school and high school. Laying the Foundation truly demonstrates the depth of the common core standards!"

Kelly Moore is pictured at left in photo above, guiding colleagues in an exercise during a Laying the Foundation summer professional development session hosted by Apollo High School.



NATIONAL
MATH + SCIENCE
INITIATIVE

Community Campus



Amanda Jerome
College & Career
Readiness Coordinator

Community Campus has gotten off to a wonderful start this school year! Classes began Monday, Aug. 17, for our Life Science Academy and Engineering Academy students. Community Campus classes are filled with almost 250 students from the Daviess County Public Schools, Owensboro Public Schools, Owensboro Catholic Schools, McLean County Schools and Hancock County Schools districts.

The best part of Community

Campus? High school students are earning college credit!

Engineering Academy Fast Facts! — Did you know ...?

- Students in the Engineering Academy must have at least a 17 composite on the ACT!

- These students meet daily on Apollo High School's campus; morning courses begin at 7:50 a.m. and afternoon courses are 2 p.m. daily.

- The Engineering Academy is part of Project Lead the Way, which is a nationally recognized provider for STEM (Science, Technology, Engineering and Math) curriculums.

- Students enrolled in Engineering have the opportunity to take Introduction to Engineering Design, Principles of Engineering, Computer Programming, and Aerospace Engineering.

- <http://apolloptw.weebly.com/> Check out the Engineering Academy website to learn more!

Life Science Academy Fast Facts! — Did you know ..?

- Students in the Life Science Academy have an overall composite on the ACT of a 20!

- Students in this academy meet as early as 6:30 a.m.

- The freshmen, sophomore and junior courses meet at 7:30 a.m. Monday through Thursday, as well as a 2 p.m. option for our freshmen and sophomores!

- These students meet in the Science Building on the main campus of Owensboro Community and Technical College.

- Students enrolled in this academy take Human Body Systems, Medical Intervention and Biomedical Science courses and use Project Lead the Way curriculum to teach those courses.



Daviess County High School freshman Kate Rhoads and Emma Brasher test the blood found at a crime scene in the Principles of Biomedical Science class to determine if the type matches the victim or a person of interest.

- The LSA has been awarded \$94,000 in grants in the last two months: \$64,000 from Owensboro Health, \$25,000 from the Kentucky Department of Education for new equipment, and \$5,000 from The Dart Foundation for supplies.

- <http://www.lifescienceacademy.net/> Check out the Life Science Academy website to learn more!

Breaking News!

Just last week, the Engineering Academy hosted Monica Wade Nielsen from the University of Kentucky's College of Engineering! Monica spoke to all of our Engineering Academy students about opportunities available to our students at the University of Kentucky, particularly in the field of Engineering! As a follow-up, we plan to take the Engineering Academy students, as well as Life Science Academy students, to the UK campus for a college visit on Friday, September 25!

Learn More About Community Campus!

Do you have questions about Community Campus? Contact DCPS College and Career Coordinator Amanda Jerome at amanda.jerome@daviess.kyschools.us

More photographs on next page

Community Campus



Apollo High School freshman Christian Leigh observes fingerprints under the microscope to detect a match to those found at the crime scene as part of the Principles of Biomedical Science class.



Apollo High School sophomores Emily Haines and Savana Canary are pictured during their Human Body Systems class, posing with their human skeleton. Over the course, they will literally “flesh” their skeleton out in clay, one body system at a time.



Left: Community Campus Engineering Academy students in action!

Above: Monica Wade of the UK College of Engineering has the attention of students during a recent visit.



COMMUNITY CAMPUS



DCPS Computer Operations News

There has been some confusion in the past about staff phones using our district Wi-Fi. At the beginning of last school year, we maxed out our Wi-Fi licenses, which led to a couple of weeks of poor wireless access and requiring us to increase our license count. At that time, it was decided that devices with their own data plan don't need to be on our Wi-Fi, freeing up the necessary licenses for our students and staff's personal iPads, Tablets and BYOD computers.



Steve Burton
DCPS Computer Operations Manager

As we begin a new year, this is a good time to clear up any confusion about this issue. Laurie Campbell drafted the following message for staff members at Highland Elementary School, and I believe it does a good job in clarifying the issue. (Thanks, Laurie!)

“To clarify about the “two devices per Wi-Fi rule,” the DCPS district only has so many licenses for Wi-Fi Open. Computer Operations is asking that only devices that do not have a data plan (like an iPad) be connected to the district Wi-Fi, with a limit of two devices per person. If you have a data plan on your personal device (like an iPhone), Computer Operations is asking that you do not use the district Wi-Fi as there are currently not enough licenses to support all the student and staff devices in our buildings. To connect to Wi-Fi Open, the username is the short format used to access Windows on your computer, (such as ‘jdoe’) and then the Windows password.”

All district- or school-owned devices without a data plan should be connected to DCPSWiFi2, which can only be set up by a tech.

If you have any questions, contact the Technology Specialist at your building. Thanks for your cooperation!

Office of Teaching and Learning Update

This monthly feature provides information and updates about progress and activities shared by Julie Clark, DCPS Assistant Superintendent for Teaching and Learning.



Julie Clark

New Teacher Development Training Sessions

All sessions are from 3:45 to 4:45 p.m. at the DCPS Learning Center unless otherwise noted.

Sept. 14 — Literacy and Math Design Collaborative Overview (facilitated by Jana Bryant and Sharon Thurman)

Sept. 21 — Meeting the Needs of Diverse Populations (Robin Bush, Daniel Dowell, Damon Fleming, Diane Hatchett, Jimmy Lyddane)

Sept. 28 — Technology Tools (Tony Sparks, Annette Sapp, Aaron Yeiser)

Sept. 30 — KTIP Orientation (Interns only) — Mark Owens (DCPS Central Office)



Weekly health and fitness tips brought to you by the DCPS Food Services Department. We care about you!

DCHS educator completes national training

Kris Kropp, a chemistry teacher at Daviess County High School, is one of 34 teachers nationwide selected to complete a food science training program developed and implemented in a partnership between the Food and Drug Administration, the National Science Teachers Association and Graduate School USA. The one-week program for middle and high school science, family and consumer science and health education teachers took place in Washington, D.C., this summer.

The program is part of an ongoing effort to train teachers to use FDA curriculum in their classrooms with a goal of educating teachers and students about critical food safety issues, such as foodborne illnesses, by exploring the

science behind them. Participants also learn about nutrition, food allergies, cosmetics safety and color additives from FDA experts, as well as receiving materials to help students learn how to use the Nutrition Facts labels to make better food choices.

Many teens have jobs in the food service industry or have food preparation responsibilities at home. Kris Kropp's training will enable him to better educate students about the importance of handling food safely and why precautions must be taken. The professional development is an effective way to support the Centers for Disease Control's goal of reducing the incidence of foodborne illness in the United States.

AHS, DCCHS earn Safe Sports School honors

The athletic programs at Apollo and Daviess County high schools have been honored with National Athletic Trainers' Association Safe Sports School Awards in recognition of commitment to providing safe environments for student-athletes. The award is designed to reinforce and celebrate the importance of providing the best level of care, injury prevention and treatment.

"This program spotlights the vital work done by these programs and identifies the school as a leader in sports safety and as a community concerned with its student-athletes and their care," said Britni Adams, strategic activities assistant for the NATA.

Jon Boultinghouse, athletic director at Apollo High School, said "We emphasize excellence on the field of competition as well as in the classroom, and this award demonstrates our dedication to the well-being of our students."

"We are committed to keeping our students safe during physical education classes, team practices and games so they can accomplish their goals of great competition, sportsmanship, good health and success in life," said DCCHS athletic director Jeff Hurley.

The award is based on meeting or exceeding high standards in the following areas of criteria:

- Create a positive athletic health care administrative system
- Provide or coordinate pre-participation physical examinations



- Promote safe and appropriate practice and competition
- Plan for selection, fit function and proper maintenance of athletic equipment
- Provide a permanent, appropriately equipped area to evaluate and treat injured athletes
- Develop injury and illness prevention strategies, including protocols for environmental conditions
- Provide or facilitate injury intervention
- Create and rehearse a venue-specific emergency action plan
- Provide or facilitate psychosocial consultation and nutritional counseling/education
- Ensure athletes and parents are educated about the potential benefits and risks in sports as well as their responsibilities

In presenting the award to the high schools, NATA President Scott Sailor said, "This award recognizes the contributions of schools across the country that are implementing safe sports policies and best practices to ensure athletes can do what they love best."

For more information, visit www.athletictrainers.org

"The first five years have so much to do with how the next 80 turn out."

— Bill Gates

DCMS teacher receives national honor

Every year, the National Society of the Sons of the American Revolution (SAR) invites all of its state and local chapters to nominate American history teachers for the Dr. Tom and Betty Lawrence American History Teacher Award. The award recognizes educators who distinguish themselves through addressing the history of the American Revolutionary era from 1750 to 1800. After a vigorous decision-making process, Derrick Lindow, a U.S. history and social studies teacher at Daviess County Middle School, was recognized as the winner of the 2015 honor during the SAR national convention in Louisville this summer.

Derrick received a \$1,400 stipend, which he plans to use to attend the Jefferson Symposium at the University of Virginia next year.

The SAR recognized Derrick for his commitment to “bringing the Revolutionary War and colonial period to life for his eighth-grade students through in-class reenactments of the Second Continental Congress and the siege of Yorktown,” said SAR official Colleen Wilson. “He creatively bridges the past and present by having students create an Early Republic era social media project, in which students set up and interact with each other via Twitter, Instagram, and similar platforms using the

personas and perspectives of the American founding patriots.”

Derrick plans to take students to Washington, D.C., and the Gettysburg battlefield each summer to supplement his social studies curriculum. He also introduces students to the Civil War through re-enactments and other hands-on activities, and he has worked to involve students in the celebration of Daviess County’s bicentennial.

“When kids can experience something for themselves, it’s much more interesting,” he said.

“I guess it was back in elementary school when I discovered a love for history,” Derrick said recently. “I’ve always been fascinated by old things. My grandparents and my dad got me interested, and I had some great teachers.”

Derrick said he believes the study of history is important. “Nationally, I don’t think history is treated as well as it used to be. I think a lot of places have put history on the back burner,” he said, but in DCPS schools, “We have full support for our program.”



Derrick Lindow

Superintendent named Friend of KSNA

DCPS Superintendent Owens Saylor was presented the “Friend of KSNA Award” during a recent conference of the Kentucky School Nutrition Association.



Owens Saylor

Recognized as the state’s leading authority on school nutrition, the KSNA advances the availability and quality of school nutrition programs as an important part of education.

Owens was nominated for the award by Alan Curtsinger, a program consultant with the Division of School and Community

Nutrition at the Kentucky Department of Education.

In his nomination of Owens Saylor for this award, Curtsinger noted the DCPS Superintendent had demonstrated exceptional support of the Daviess County district’s food services program in providing all students with nutritious meals.

“It was refreshing to know this Superintendent supports non-conventional ways to ensure that quality meals are available to all students, especially to eliminate barriers that might prevent some students from participating in a breakfast program,” Curtsinger said, noting that Owens has been a member of KSNA for 11 years.

Curtsinger also commended the overall excellence of the DCPS food services program, under the leadership of director Lisa Sims.

“It is an honor to be recognized by the KSNA and the mission they represent,” Owens said. “I am so appreciative of the outstanding dedication of our DCPS food services team. Last year, they served more than 1,440,300 lunches and more than 614,100 breakfasts – on time, delicious, attractively presented, and nutritious. Healthy children are better able to learn, and better able to navigate the complicated nature of the world in which they will live and work. Our school cafeterias stand behind the work taking place in classrooms every day to ensure that our students have the best possible opportunity to learn.”

#weareApollo campaign begins

Apollo High School is introducing a school spirit campaign designed to give students, faculty and staff, friends, parents, families, alumni and supporters the opportunity to tell our community and the world, #weareApollo!

Royal blue shirts with “Apollo” on the front and #weareApollo on the back are now available and everyone is encouraged to turn the county blue on the last Thursday of each month. Submit photos of yourself wearing this shirt – or any other Apollo spirit wear – by email to assistant principal Bob Dych or school secretary Lynne Ferguson or post on Twitter @ahseaglenation or @bdych

One student and one member of the community will be selected at random for fabulous prizes, which will include game tickets, T-shirts and other items.

“#weareApollo was designed to send a positive message about how much we love our school and to show our school spirit,” Bob said.

Former AHS staff developer Catherine Shelton has

already posted a photo of herself showing her Apollo spirit from her new job at the U.S. Space Camp in Huntsville, Ala. Campaign organizer Bob Dych said he hopes to see “Eagle fever” spread across the country – and beyond!

#weareApollo shirts in various sizes are in stock at the Spirit Store and may be purchased at the school; or shirts may be ordered by contacting Bob Dych or athletics administrative assistant Misty Berry. Orders and payment must be received by Friday, Sept. 11, to guarantee delivery in time for the next “Wear Apollo” day on Thursday, Sept. 24.

Shirts are available for \$10 in sizes S-XL; or \$12 for sizes 2X and larger. Proceeds from shirt sales will support the AHS Spirit Store and student rewards and activities.



Teachers invest time to learn and earn

Daviess County Public Schools teachers earned nearly \$140,000 worth of new computers for their schools by attending a two-day workshop hosted by the Kentucky DataSeam Initiative Inc. this summer. Teachers developed project-based lesson plans they can take to the classroom and created a video using the computers.

This is part of an ongoing program that has earned the district over \$400,000 worth of technology over the last several years. DCPS teachers and technical personnel are looking for new ways to engage students with hands-on learning and skills geared toward 21st Century careers.

Additionally, these computers become part of a network of 22,000 computer processors on the DataSeamGrid. This statewide computing resource supports important drug discovery work at the University of Louisville’s James Graham Brown Cancer Center.

Superintendent Owens Saylor said, “The training offers significant value for our teachers and we are honored to support cancer research work being done in Kentucky.”

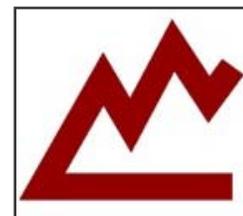
Fifty-five DCPS teachers spent two days developing lesson plans, student assignments and using the computers to create projects that can be used in their classrooms. Teachers developed strategies to make learning more interesting and relevant for today’s students.

“I learned so much about how to use the computer, but the real value was that I got to work directly with my classroom content,” said Melissa Jarboe, an Advanced Placement English literature teacher at Apollo High School. “I can take what I learned and created during the workshop directly into my classroom this fall.”

Chris Renfrow, a psychology teacher at Daviess County High School, agreed. “DataSeam offers a new gateway into the ever-changing technological society into which our students are venturing by allowing the students a new and exciting medium for learning,” he said.

“Being able to use our own content made the lessons relevant and meaningful,” added Jenny Day, a primary teacher at Audubon Elementary School.

Members of the DCPS technical staff also attended Apple Certification classes this summer to ensure they continually update their skills to maintain and manage the large number of computers in the district. Brian Payne, Tim Hicks, Jason Cunningham and Billy Johnson learned the latest industry standard techniques to install, troubleshoot and support computers to accelerate learning for students.



Humana Vitality re-screenings and flu shots

The Green River District Health Department is offering flu shots and Humana Vitality re-screenings to all staff again this year. See list at right for schedule of visits at each building. Sign-up sheets will offer appointments starting at 7 a.m. each day. There are spaces for two people to participate in the screenings at every time slot.

Please allow 20 minutes for this screening, which includes full lipid panel (TC, HDL, ratio, LDL, triglycerides, glucose); blood

pressure; pulse; height, weight and waist circumference (BMI). Plan to fast 9-12 hours before screening (you may take medications with sips of water).

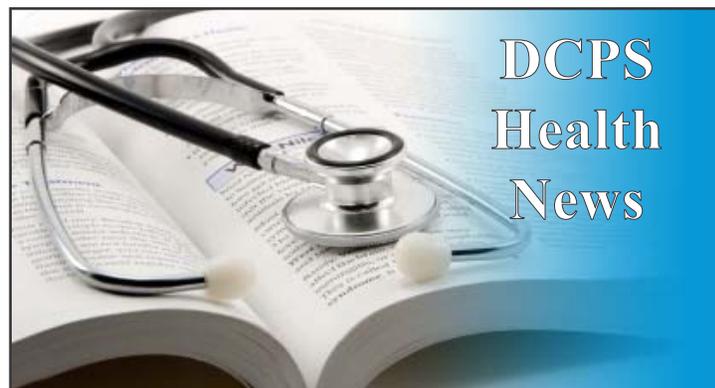
Take your HumanaVitality membership card with you to the re-screening.

Important Note: This screening is NOT required for your Living Well Promise! This is a RE-SCREEN for people who had goals or an area they wanted to work on. This is an opportunity to earn points you may not have received at the initial screening if you have now reached target goals and normal ranges. For example, if your blood pressure was not in normal range at the screening at the beginning of the year, but it is within range at this re-screening, you will receive the 400 points you did not get with the first screen. If you were in normal ranges on everything, you don't need to be re-screened at this time.

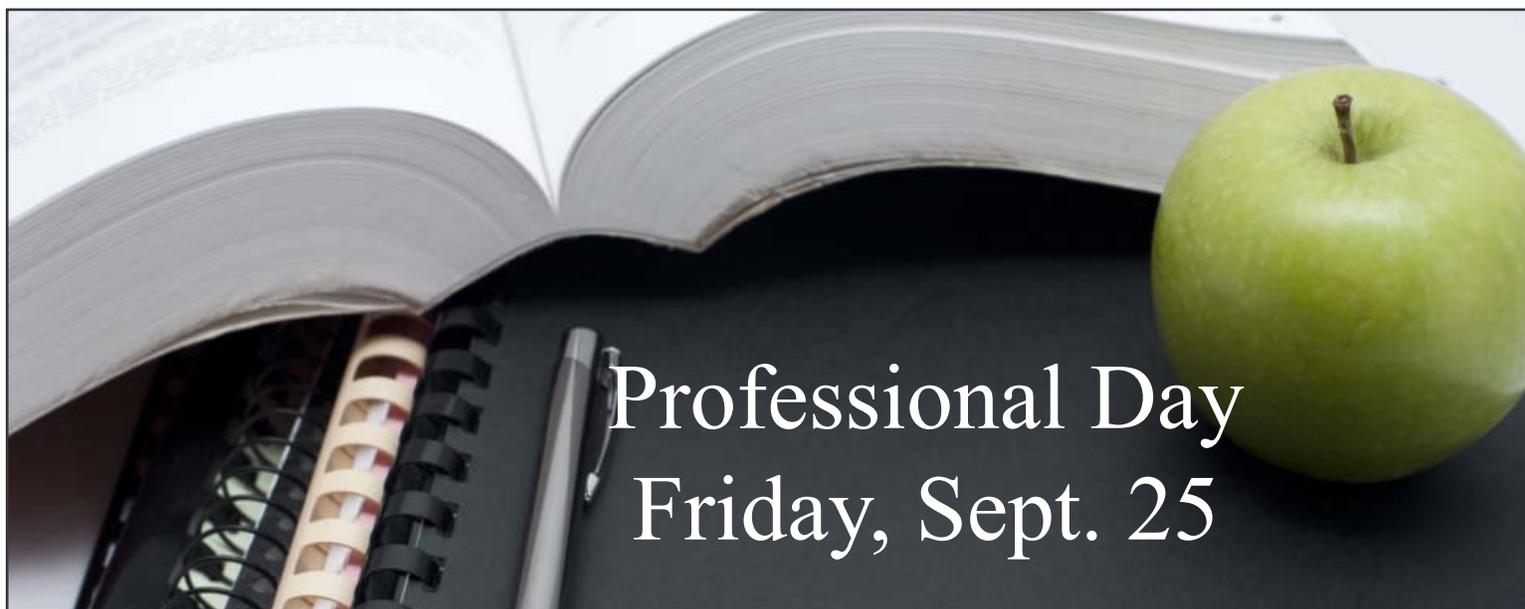
Remember – Employees may get a screening every three months if you have something to work on.

At the beginning of 2016, we will begin scheduling the yearly screening for the LivingWell Promise!

Answers to most frequently asked questions are included on the next page of this newsletter.



- Audubon Elementary School — Oct. 1
- Burns Elementary School — Nov. 10
- Country Heights Elementary School — Oct. 7
- Deer Park Elementary School — Nov. 5
- East View Elementary School — Oct. 8
- Highland Elementary School — Sept. 22
- Meadow Lands Elementary School — Nov. 12
- Sorgho Elementary School — Nov. 4
- Southern Oaks Elementary School — Oct. 2
- Tamarack Elementary School — Oct. 9
- West Louisville Elementary School — Nov. 5
- Whitesville Elementary School — Oct. 22
- Burns Middle School — Nov. 6
- College View Middle School — Nov. 13
- Daviess County Middle School — Nov. 4
- Apollo High School — Oct. 22
- Daviess County High School — Oct. 21
- Heritage Park High School — Nov. 17
- Owensboro Day Treatment/Treatment Center - Oct. 30
- Valley School — Nov. 13
- Transportation and Maintenance — Sept. 23
- Learning Center — Nov. 17
- Central Office — Sept. 24



Professional Day
Friday, Sept. 25

Top 10 Frequently Asked Questions

Q: Does it cost anything to participate in HumanaVitality?

A: All members of the Kentucky Employees' Health Plan are automatically enrolled with no out-of-pocket cost.

Q: How do I earn points?

A: Vitality Points are earned by completing goals and/or more than 30 verifiable activities. These activities are grouped into four categories — Education, Prevention, Fitness, and Healthy Living. Examples of HumanaVitality goals and activities include Health Assessment completion, reaching or maintaining a healthy weight, exercising regularly, annual preventive care screenings, educating yourself about certain medical conditions or risks, and making smart lifestyle choices such as staying or becoming tobacco-free.

Q: What kind of stuff can I win?

A: You can win from over 600,000 name-brand items in the HumanaVitality Mall, including SONY, Apple, Cuisinart, Garmin, Cannon, Hyatt, and the Ritz-Carlton to name a few. Items such as movie tickets, music downloads, name brand merchandise, hotel discounts and much more.

Q: How do I get started?

A:

1. Register online. Visit <http://livingwell.ky.gov>, click on "Log-in" under HumanaVitalitySM.
2. Complete your Health Assessment and earn up to 1,000 Vitality PointsTM just by taking a quick, confidential health assessment.
3. Get your Vitality Check[®]. The Vitality Check is a blood screening and biometric assessment that measures body mass index (BMI), blood pressure, blood glucose, waist circumference and total cholesterol. Visit the Vitality Check locator to find a location near you!
4. Get started on your Personal PathwayTM a customized plan that will recommend goals and related activities.

Q: I've waived the state-sponsored insurance, can I still participate?

A: No, only Kentucky Employees' Health Plan members are eligible to participate.

Q: What does a Vitality Check measure and where do I get one?

A: A Vitality Check is a blood screening and biometric assessment that measures body mass index (BMI), blood pressure, blood glucose, and total cholesterol. It provides an assessment of an individual's basic health and offers valuable insight into health risks. You can set up your appointment through one of our Vitality Check partners including Concentra[®] Medical Centers, Walgreen's Take Care Clinics, Kroger Little Clinics, any of the four Frankfort First Onsite Clinics your local health department, or doctors' offices (a co-pay may be required at doctors' offices).

Q: Is the Vitality Check free?

A: There is no cost to members at Vitality Check partner locations, health departments or First

Onsite Clinics in Frankfort. Doctor office visits may require a co-pay. Your cost will vary depending on the KEHP medical coverage you elected.

Q: Can my family participate?

A: Yes, if your family members, including dependents aged 18 and over, are on the medical plan, they are eligible to earn Vitality Points, which will contribute to your aggregate family status, but only you will be able to redeem the Vitality Bucks.

Q: What if I don't remember my password?

Contact HumanaVitality Customer Service at 1-877-KYSPiRiT (1-877-597-7474).

Q: It would not let me in when I originally registered in January. Can I get in the system now?

A: There have been upgrades made to the system since January. Visit <http://livingwell.ky.gov>, click on "Log-in" under HumanaVitalitySM. Members who have already registered on MyHumana will not need to register again. Your login ID and password will be the same. Contact HumanaVitality Customer Service at 1-877-KYSPiRiT (1-877-597-7474) if you have any problems logging in.