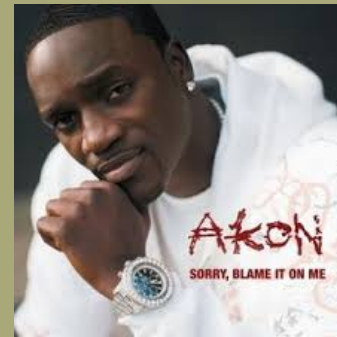




HIDDEN FIGURES



SMITH HALE
MIDDLE SCHOOL

Black History Month Advisement Curriculum

February 1 - 28, 2017



Feb 1, 2017 – Missouri HBCU's Lincoln University & Harris Stowe State



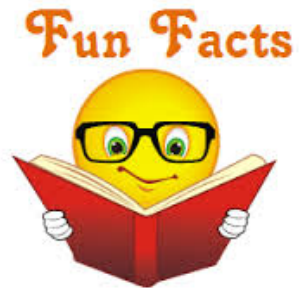
- There are two Historically Black Colleges and Universities (HBCU's) located in the state of Missouri
- **Lincoln University** was founded in 1866 in Jefferson City, MO at the end of the Civil War. The soldiers and officers of the 62nd and 65th Infantry, stationed at Fort McIntosh, TX were comprised mainly of Missourians, and wanted an institute for freed blacks.
- **Harris Stowe State University** is located in St. Louis, Missouri. HSSU is a merger of a Harris Teacher's College – a college for white students and Stowe Teachers College – a teacher's college for black students. The schools were merged in 1954 in response to the Brown vs. Board of Education decision.
- Both universities are responsible for a large number of teachers in the state of Missouri.





Feb 1, 2017 – Hidden Figures

Lincoln University & Harris Stowe State



- Four Smith-Hale staff members attended HBCU's.
- Two went to Lincoln University, one graduated from Tennessee State University in Nashville, TN, and another graduated from the University of Arkansas in Pine Bluff.
- Your job, if you choose to accept it, is to find out the the names of each staff member by Feb. 10th. Provide their names and your name to your advisement teacher so your name can be placed in a drawing for prizes.



Feb 2, 2017 – Hidden Figures

Katherine Johnson - NASA



Kathleen Johnson is great mathematician that provided the calculations to get the first man into space. The movie Hidden Figures was based upon her character and many other human computers that manually calculated launches and landings for NASA.

Watch the film clip for more information –

<http://www.makers.com/blog/women-behind-hidden-figures-movie>



Feb 3, 2017 – Hidden Figures

Raye Jean Montague- Ship Engineer



Raye Jean Montague overcame racial segregation and gender bias to become a Naval engineer. She received death threats for being awarded the U.S. Navy's Meritorious Civilian Service Award in 1972.

Read her biography for more information on page 14 of the document below.
Please show page 14 on Smart Board.

http://www.asta.arkansas.gov/documents/asset_newsletters/ASSETs_Womens_Issue_feb_15.pdf



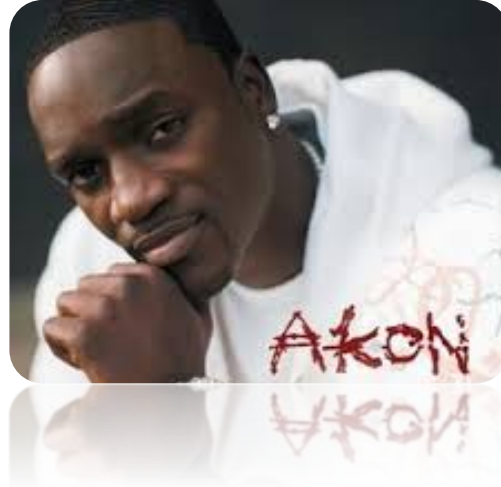
FEB. 6, 2017 – Gold Medalist Track Florence Griffith-Joyner



- Born December 21, 1959 in Los Angeles, CA
- One of the most memorable moments of the 20th century was when Florence Griffith Joyner became an Olympic track and field champion during the 1988 Seoul games. She was known as the phenomenon known as “Flo Jo” - with her flashy one-legged running outfits, long hair, and brightly painted fingernails. She captured four medals and the attention of the world with her speed, grace and charm.
- WEBSITE: Mini Bio: Florence Joyner
- <https://www.youtube.com/watch?v=UvOTNW4JRwA>



Feb. 7, 2017 - St. Louis Born Singer Akon



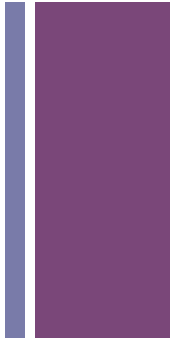
- Aliaume Damala Badara Akon Thiam better known as Akon is a Senegalese American singer rapper, songwriter, businessman, record producer and actor who was born on April 16. He rose to prominence in 2004 after his release of “Locked Up”, the first single from his debut album Trouble.
- His net worth is \$80 million dollars
- **Read** the article on Akon and his initiative on Africa

+ Feb. 8, 2017 - Author Langston Hughes



James Mercer Langston Hughes was an American poet, social activist, novelist, playwright and columnist from Joplin, Missouri. He was born on February 1, 1902 in Joplin, Mo, and died on May 22, 1967.

+ Feb. 8, 2017 - Author Langston Hughes



- He was one of the earliest innovators of the then-new literary art form called JAZZ POETRY. Hughes is best known as a leader of the Harlem Renaissance in New York City. He published his first book in 1926 and went on to write countless works of poetry, prose and plays as well as a popular column for the Chicago Defender.
- <https://www.poemhunter.com/poem/easy-boogie/#content>
- <https://m.youtube.com/watch?v=inP76rkYUso&vide=5727&autoplay=1> video time 3:33
- Print off and read together, “A Dream Deferred”



Feb. 9, 2017 - Young Actress/Singer

KeKe Palmer



KeKe Palmer is an actress and singer who made her first splash in *Barbershop 2: Back in Business*, later starring in *Akeela and the Bee*.

KeKe's full name is Lauren Keyana Palmer. She was born on August 26, 1993, in Hervey, Illinois. The Famed actress and singer began performing at the age of 5, wowing audiences at her local church.

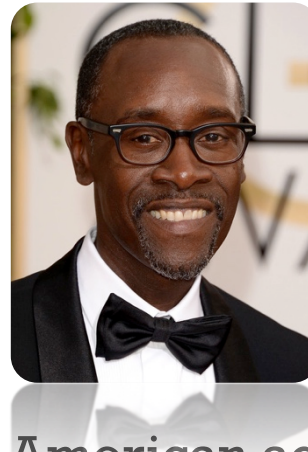
KeKe also worked with Tyler Perry in *Madea's Family Reunion*, *The Cleaner*, *The Longshots*, *True Jackson, VP.*, *Joyful Noise*, *Jump In*, *Rags*, and *Scream Queens* as well as the First African American *Cinderella* on Broadway.



<https://m.youtube.com/watch?v=P9aFvKIRZKM>

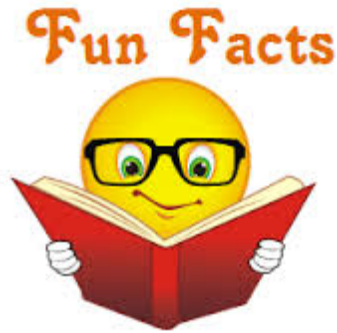
Video Time - 5:23

+ Feb. 10, 2017 - Actor Don Cheadle



- Donald Frank “Don” Cheadle Jr. is an American actor, writer, producer, and director. He was born in Kansas City, Missouri on November 29, 1964.
- Various television and movies include A Lesson Before Dying, Things Behind The Sun, Traffic, The Family Man, ER, Hamburger Hill, Devil in a Blue Dress, Rosewood, Boogie Nights, Hotel Rwanda, Crash, Iron Man 2, Avengers: Age of Ultron, Iron Man 3, Traitor, Miles Ahead, Captain America: Civil War, Ocean’s Eleven, Ocean’s Twelve, Ocean’s Thirteen, House of Lies and Miles Ahead.
- <https://m.youtube.com/watch?v=AEufRVn-cok> Video Time 3:05

+ Feb 10, 2017 – Actor Scavenger Hunt



- There are two Smith-Hale members who are related to Don Cheadle. One is a student and one is a teacher.
- Your job is to find out the who Don Cheadle's cousins are by Feb. 17th, that means you have one week. Write their names AND your name on a piece of paper and give it to your advisement teacher. You will be placed in a drawing for the end of next week.

+ Feb 13, 2017 – Inventor

Dr. Mark Dean – Computer Scientist

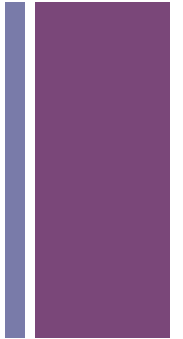
- Born in Jefferson City, Tennessee, in 1957, computer scientist and engineer Mark Dean helped develop a number of landmark technologies for IBM, including the color PC monitor and the first gigahertz chip. He holds three of the company's original nine patents. He also invented the Industry Standard Architecture system bus with engineer Dennis Moeller, allowing for computer plug-ins such as disk drives and printers.

<https://www.youtube.com/watch?v=5ful85sl5uc>





Feb 14, 2017 – Inventor Dr. Patricia Bath – Lasik Surgery



- Patricia Era Bath was born on November 4, 1942, in Harlem, New York, to Rupert Bath, the first black motorman for the New York City subway system, and Gladys Bath, a housewife and domestic worker who used her salary to save money for her children's education. Bath was encouraged by her family to pursue academic interests.
- Dr. Patricia Bath holds a patent on the Laserphaco Probe. It was a less invasive way of laser surgery to treat cataracts. An eye disease that can lead to blindness.
- <https://youtu.be/VW3M84MKaY4>

**Black
HISTORY
MONTH**

Patricia Bath

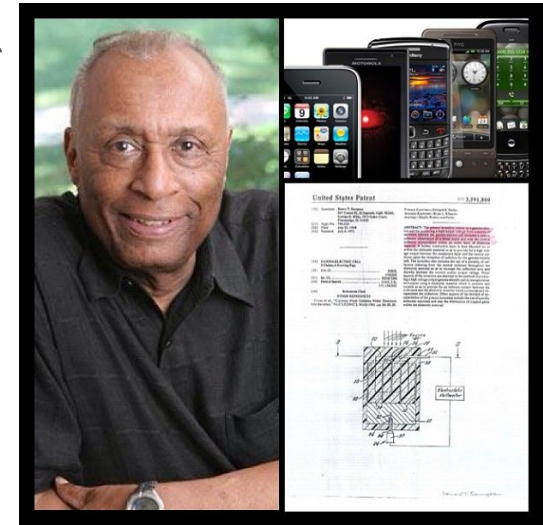




Feb 15, 2017 – Inventor/Scientist

Dr. Henry Sampson – Jet Propulsion

- Born in Jackson, MS in 1934, Henry Thomas Sampson, Jr. is an inventor in the field of nuclear engineering. He is a pioneer of the technology that is used in the modern cell phone. Because of this, he is often mistakenly called the inventor of the cell phone.
- Dr. Sampson holds many U.S. patents, and invented the Gamma-Electric cell which converts energy into electricity.
- Dr. Sampson has a Ph.D. in nuclear engineering, and worked with the Aerospace Corporation for 20 years.



<https://www.youtube.com/watch?v=eOfM-n35COE>

+ Feb 16, 2017 – Inventor

Garrett Morgan–Multiple Patent Holder



- Born in Kentucky on March 4, 1877, Garrett Morgan became one of the most important inventors and U.S. patent holders of his time.
- Morgan only had an elementary education. He began his career as a sewing machine mechanic. He held a patent on improving the sewing machine, the traffic signal, a hair straightening comb and a respiratory device that would be the blueprint for gas mask for WWI.
- Later, he moved to Cleveland, Oh and became the first black man in Cleveland to own a car.

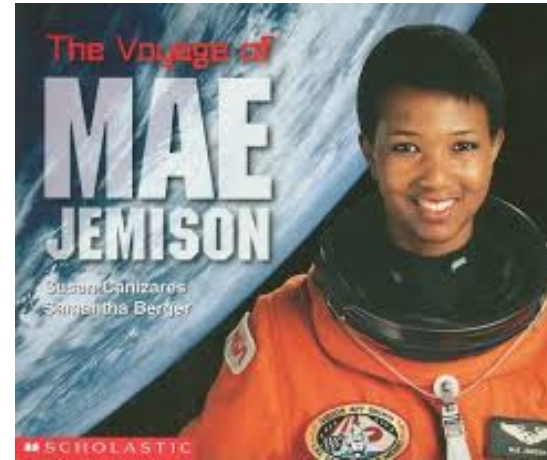


Feb 16, 2017 – Inventor Garrett Morgan–Multiple Patent Holder



<https://www.youtube.com/watch?v=UWRFIoWkUIk>

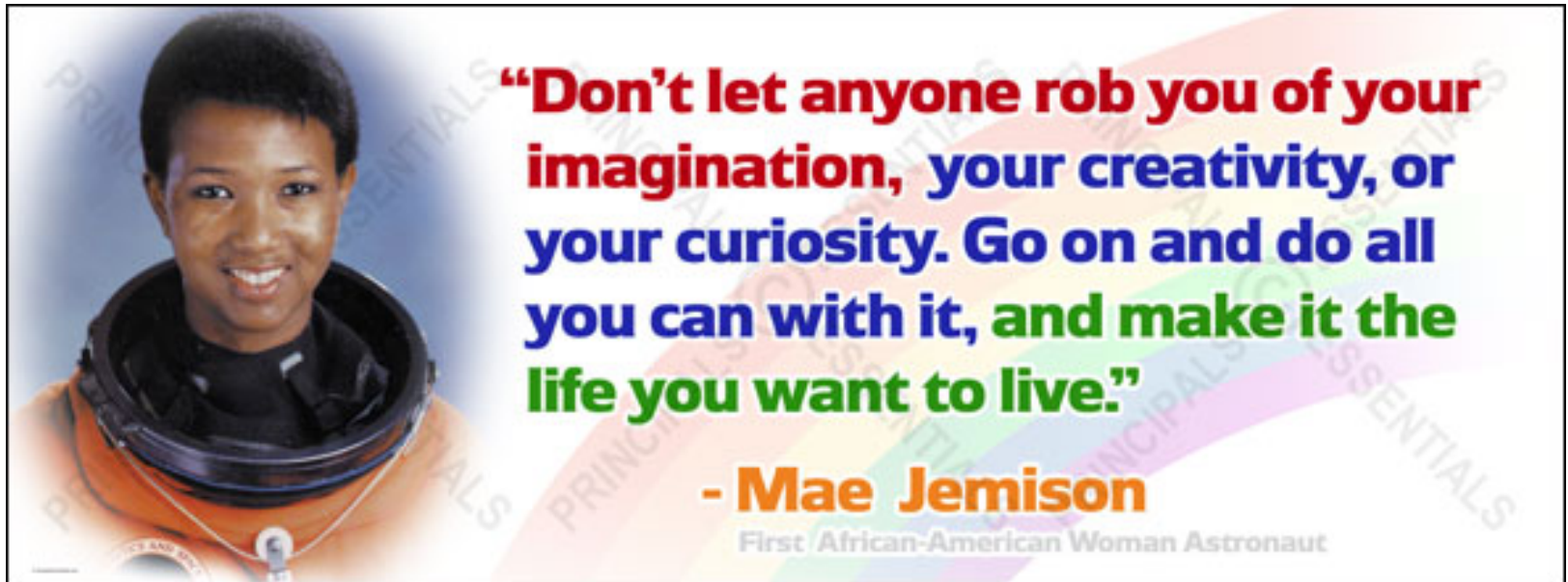
+ Feb 17, 2017 – Scientist Mae Jemison – Astronaut



Dr. Mae Carol Jemison (born October 17, 1956) is an American engineer, physician and NASA astronaut. She became the first African-American woman to travel in space when she went into orbit aboard the Space Shuttle Endeavour on September 12, 1992. After medical school and a brief general practice, Jemison served in the Peace Corps from 1985 until 1987, when she was selected by NASA to join the astronaut corps.

<http://www.makers.com/mae-jemison>

+ Feb 17, 2017 – Scientist Mae Jemison – Astronaut



After reading her statement, take a minute or two to write a sentence about your future and what you would like to do.
Hand it in to your teacher for a drawing to be held Feb. 24, 2017.



Feb 20, 2017 – Educator Maya Angelou

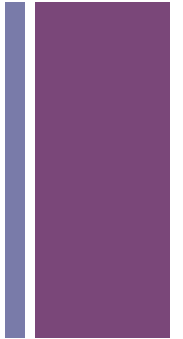


- Author, Civil Rights Activist, Poet
- Born Marguerite Ann Johnson on April 4, 1928 in St. Louis, MO
- Best-known for the autobiography *I Know Why the Caged Bird Sings* (1969) and her poem “On the Pulse of the Morning” (1993)
- Angelou received several honors, including two NAACP Image Awards in 2005 and 2009

[http://www.biography.com/people/maya-angelou-9185388/
videos/maya-angelou-on-the-pulse-of-morning-12631619730](http://www.biography.com/people/maya-angelou-9185388/videos/maya-angelou-on-the-pulse-of-morning-12631619730)



Feb 21, 2017 – Educator Dr. Steven Perry - Activist



- Author, activist, educator
- Founder of Capital Preparatory Magnet School in Hartford, Connecticut, which has sent 100% of its predominately low-income, first-generation, minority students to a 4-year college since its first class in 2006
- Best-selling author of *Man Up*, the education contributor on CNN and MSNBC, an Essence Magazine columnist, and host of the the #1 docudrama for TVONE “Save My Son”
- <https://www.youtube.com/watch?v=V1c8p-Q8uIc>



+ Feb 22, 2017 – Politicians

Shirley Chisholm–Presidential Candidate

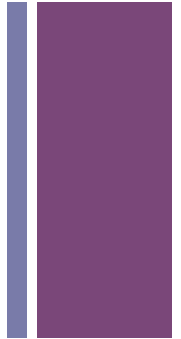
In 1968, she became the first African American woman elected to the U.S. Congress and represented New York's 12th Congressional District for seven consecutive terms

- In 1972, Chisholm became the first Black candidate for a major party's nomination for the President of the United States and the first woman to run for the Democratic Party's Presidential nomination
- In 2015, she was posthumously awarded the Presidential Medal of Honor
- <https://www.youtube.com/watch?v=yD-hJzTIF0k>





Feb 23, 2017 – Politician Rep. Emanuel Cleaver II



- United Methodist pastor, politician and member of Congress
- Having served for 12 years on the city council of Missouri's largest municipality, Kansas City, Cleaver was elected as the city's first African American Mayor in 1991
- Economic development activist and redevelopment craftsman who is responsible for the Bruce R. Watkins Roadway, Family Division of the Municipal Court and the reconstruction of Brush Creek
- Received five honorary Doctoral Degrees, earned a Master's from St. Paul's School of Theology and a member of the Congressional Black Caucus



- <https://www.youtube.com/watch?v=aX6hG6nN1hs>



Feb 24, 2017 – Educator

Dr. Toni Morrison – Author



- American novelist, editor and Professor Emeritus at Princeton University
- Among her best known novels are *The Bluest Eye* (1970), *Song of Solomon* (1977), *Beloved* (1987), and *Mercy* (2008)
- The first African American to receive both the Nobel Prize (1988) and Pulitzer Prize (1993) in fiction
- <https://www.youtube.com/watch?v=EjdyX2wnwdY>



Feb 27, 2017 – Historical First Bessie Coleman - Pilot



Bessie Coleman was the first black woman to earn a pilot's license. Because flying schools in the United States denied her entry, she taught herself French and then moved to France, earning her license from France's well-known Caudron Brothers School of Aviation in just seven months.

Bessie specialized in stunt flying and parachuting, earning a living barnstorming and performing aerial tricks. She remains a pioneer of women in the field of aviation. Bessie paved the way for other black female aviators by opening a pilot school to teach African American females how to fly. Today, the aviation field is no longer limited to white males only.

https://www.youtube.com/watch?v=h3EuN_TbXmM



Feb 28, 2017 – Historical Firsts

Barack Obama - President



Born in Honolulu in 1961, Barack Obama went on to become President of the Harvard Law Review and a U.S. senator representing Illinois. In 2008, he was elected President of the United States, becoming the first African-American commander-in-chief. He served two terms as the 44 president of the United States.

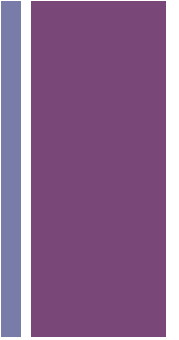


Watch the film clip for more information –

<http://www.biography.com/people/barack-obama-12782369/videos/barack-obama-mini-biography-10982467772>



References



- We all used information from
 - Makers
 - Biography.com
 - Black Inventors
 - Wikipedia
 - And various other online resources and pictures