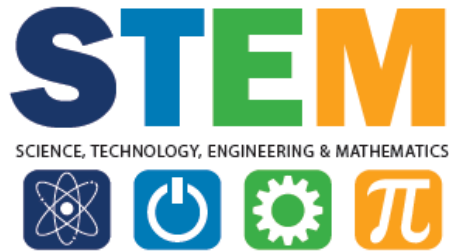


New Creation Church ~ A.S.P.I.R.E. / Education

February/March 2019



STEM (Science, Technology, Engineering and Mathematics), is a term used to group together these academic disciplines.

STEM education helps to bridge the ethnic and gender gaps sometimes found in math and science fields. Initiatives have been established to increase the roles of women and minorities in STEM-related fields. STEM education breaks the traditional gender roles. In order to compete in a global economy, STEM education and careers must be a national priority. Each and every decision made uses an aspect of STEM to understand the implications.

In an article by Dr. Marcus Bright, he states "An increased level of early [K-12] exposure [to STEM] will help to make the requisite math courses needed for many STEM careers more relevant to students"

Source: Diverse ~ Issues in Higher Education May 2017 <https://diverseeducation.com/article/96063/>



This Festival will run from Saturday, March 2nd to Sunday, March 10th, and it will be filled with lots of fun activities for young minds to explore.

Expo Day @ PETCO PARK is a daylong celebration at PETCO Park on Saturday, March 2, 2019 from 10am to 5pm. EXPO DAY is the Festival's signature event, with more than 130 local businesses, corporations, and organizations providing interactive, hands-on science, technology, engineering, math exhibits and activities to budding K-12 science lovers.

STEM Week will have lots of activities all across San Diego County. Birch Aquarium, Slak Mobile Science Lab School, Ms. Smarty-Plants, The Leidos X-ray Vision, Biocom and much, much more will be participating.

STEM in Your Backyard provides access to free, meaningful STEM experiences by bringing the spark of science directly to communities throughout San Diego.

Be sure to visit Love STEM San Diego's website for a full description and registration information: <https://www.lovestemsd.org/stem-week-events-2019>



Hey Parents! Need a way to introduce your child to STEM? Try a STEM Activity at home. For 10 simple and inexpensive STEM activities that you can introduce your child

Click Here <https://www.rasmussen.edu/degrees/education/blog/simple-stem-activities-for-kids/>



Elementary Institute of Science
Hands-on Enrichment Since 1964

EIS programs focus on developmentally appropriate, hands-on activities that foster interest and skills in science, technology, engineering and mathematics (STEM). Each class has a maximum 12:1 student-instructor ratio.

On Saturday, February 23, 2019 from 1:pm – 4:pm EIS will be hosting a FREE Open House with lots of fun science activities for the whole family.

RSVP or for more information other EIS programs call them at 619-263-2302 or visit their website at <http://www.eis.org/open-house>



San Diego Public Library offers on-site tutoring at 18 different locations (including Oak Park and Malcom X libraries) as well as on-line tutoring. Even if you don't have a library card you can benefit from this FREE service. They even have a free literacy program for adults and Families. Go to the links below for more information on both programs.

- **Do Your Homework @ the Library**
<https://www.sandiego.gov/homework>
- **Read San Diego**
<https://www.sandiego.gov/public-library/central-library/read>

Or call the San Diego Central Library at 619-236-5800.

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## Supporting the ARTS in San Diego



The mission of the San Diego African American Museum of Fine Art (SDAAMFA) is to present and preserve the art of African Americans globally and to broaden the knowledge and understanding of the visual arts in Southeastern California generally and San Diego specifically by collecting, preserving and displaying works of art by and about African Americans.

For exhibit information: <https://www.sdaamfa.org/>

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Comic Books Count As Reading.

Getting a child interested in reading can be challenging but a comic book can be a great way to spark the reading interest of a young mind.

A study conducted at California State University, Northridge, found that for students to improve their vocabulary they must be exposed to as many complex or difficult words as possible. Their research found that the "language used by comics is far more advanced than that the oral communication of college graduates, and uses almost twice as many rare or difficult words!"



WHY DO WE CELEBRATE AFRICAN AMERICAN HISTORY/HERITAGE MONTH?

We celebrate African American history/heritage month because we want to continuously bring attention to and honor the many ways the world and the United States in particular have benefited from our sacrifices and contributions.

Our country was built with the unpaid labor of African/African Americans who were committed to democratic values and improving their lives. Despite our advocacy leading to congressional amendments to the U.S. constitution that abolished slavery and granted citizenship to all former slaves, and despite legislation in the 1960's that included the civil rights and fair housing acts, many African Americans and others are still oppressed and are not adequately represented in depictions of our nation's history. We must all learn more about the good things we have done as a people and help our children to increase their knowledge in this area.

In the last seventy years, the nation has given greater lip service to valuing diversity and has passed additional laws expanding the rights of African Americans, including equal opportunity in the work place. The genesis of this dates back to the abolitionist movement before the civil war, and also to 1915, when historian, scholar, and author Dr. Carter G. Woodson, founded the Association for the Study of Negro Life and History. Through this organization, now known as the Association for the Study of Life and History (ASALH), Dr. Woodson initiated the first Negro History Week in February 1926. He selected the week in February that included the birthdays of Abraham Lincoln and Frederick Douglass, two prominent figures in the history of African Americans. On February 3, 1975, President Gerald R. Ford issued a Message on the Observance of Black History Week urging all Americans to "recognize the important contribution made to our nation's life and culture by citizens of color."

On February 10, 1976 this commemoration was expanded by ASALH to be a month-long celebration or Black History Month, also known as African American History Month. Ten years later, Congress passed Public Law 99-244, designating February 1986 as National Black (Afro-American) History Month.

Throughout the United States, the African American community and many others throughout the nation observe February as African American Heritage Month. Through the study of African and African American history and culture we have learned that persons of African descent have made great contributions to world civilization, such as in all of the sciences and other research, the teaching professions, religious thought,

sports, and the creative arts. Our community continuously fights to bring greater awareness of and honor to the contributions of their African, African diaspora, and African American ancestors. More than 100 years later, Dr. Woodson's efforts to disseminate and celebrate African American's contributions to United States' development continue with the establishment of the National Museum of African American History and Culture on the National Mall. A few of the major inventions patented by African Americans are:

THOMAS JENNINGS—INVENTED AND PATENTED THE FIRST VERSION OF A DRY-CLEANING PROCESS

MARK E. DEAN—LED THE TEAM THAT DESIGNED HARDWARE INTERFACE FOR PRINTERS, MODEMS, PERSONAL COMPUTERS, AND COLOR COMPUTER MONITORS

MADAME C.J. WALKER—CREATED HAIR CARE RECIPES/PRODUCTS; 1ST BLACK WOMAN MILLIONAIRE

DR. SHIRLEY JACKSON—THEORETICAL PHYSICIST, HELPED DEVELOP PORTABLE FAX, TOUCH TONE PHONE, CALLER ID AND CALLER WAITING

DR. CHARLES RICHARD DREW—FIRST TO DEVELOP PROCESS FOR BLOOD TRANSFUSION, AND CREATE BLOOD MOBILES/BLOOD BANKS

GEORGE CARRUTHERS—ASTROPHYSICIST, DEVELOPED ULTRA VIOLET CAMERA USED IN SPACE WHEN APOLLO 16 SPACE MISSION WAS LAUNCHED

PATRICIA BATH—INVENTED A DEVICE REFINING PROCESS FOR DOING LASER CATARACT SURGERY





The largest online directory of scholarships and financial aid opportunities for African American and other minority students. The programs listed on their web site give away millions of dollars in college funding, and are sponsored by foundations, government agencies and even corporations from all over the country.

Black Scholarships <http://www.blackscholarships.org/>



Let San Diego Public Libraries assist you in preparing for the transition from high school to college through the Library NExT: Admit One College Prep Academy!

Admit One provides an advantage on SAT & ACT test preparation and navigating the college process. Through a partnership with California Student Opportunity and Access Program (Cal-SOAP) and UC San Diego Extension, participants in Library NExT: Admit One receive expert guidance on topics such as selecting a university or college that is right for them while also learning more about their long and short-term goals.

Application Deadline is April 1st:

https://ucsd_extension.formstack.com/forms/admit_one_app

For more information contact SDLBAcademy@sandiego.gov



Commitment, Dedication, Excellence Compassion. If you currently work in the school system, have retired from the school system and you're a member of NCC the A.S.P.I.R.E./Education Committee would love to connect with you. Please provide us with your contact information in Partner Services.

The Educators Corner



In education, research has shown that teaching quality and school leadership are the most important factors in raising student achievement.

Professional development is also the only way educators can learn so that they are able to better their performance and raise student achievement.

In this latest installment to his series of best-selling self-reflection guides, celebrated educator, author, and motivational speaker Baruti Kafele offers school leaders 35 thought-provoking questions to ponder from one fundamental overarching query: ***"Is My School a Better School Because I Lead It?"***

Because the sheer volume of responsibilities for a principal or assistant principal can leave you with very little time for developing an effective and consistent self-reflection regimen, Kafele has done the work for you. You need only open the book and begin reading to embark upon a penetratingly insightful journey destined to transform your practice, boost teacher satisfaction, and—most important of all—inspire students to excel academically.



NCC A.S.P.I.R.E. is not only striving to be a support to student of higher education and K-12 but also a resource for both students and parents.

Linda Doughty is the A.S.P.I.R.E., Chairperson