Since its founding in 1991, one of the overarching goals of A-MAN is to inspire generations of K-12 students through mentorship-based hands-on learning to pursue fulfilling careers in the sciences utilizing technology, engineering, and math (STEM).

On February 15th, 2013, the largest asteroid to enter Earth’s atmosphere since 1908 fragmented over Chelyabinsk, Russia, releasing energy akin to a one-megaton bomb. A-MAN is the primary STEM partner with a premier team of scientists dedicated to addressing the challenge of asteroid redirection/deflection. A-MAN’s goals of student participatory engagement involving a broad community of learners will help produce the next and forward generations of asteroid miners, space explorers, and world changers.

Core Standards Methods
A-MAN’s STEM core standards model will prepare and inspire 6-12 grade students for career pathways by providing enrichment through informal after-school hands-on learning. A-MAN’s methods will leverage the pursuits of NASA’s Asteroid Initiative for the benefit of its local after-school primary and secondary students through guided experiments, projects, students presentations, field trips, speaker visits, and distance learning through A-MAN’s international teleconference center.

A-MAN’s 24,000+ sq/ft STEM Learning facility has full-scale and interactive space-themed exhibits and other programs, such as the STEM Initiative which teaches general science to learners of all ages utilizing the same hands-on simulators and employing expert instructors.

A-MAN’s Strategic Partnerships to reach a Broad Community through STEM Education
A-MAN, Inc. has developed deep partnerships with individuals and institutions who share the vision to increase diversity in (STEM) Science, Technology, Engineering, Math related projects as a motivational tool and advance the educational achievement, and the intellectual and career development of African-American, Latino and other minority students 5-18 years of age. Parents, students and community awareness are raised by holding science fairs regarding the importance of asteroid science and technological advancements of student career pathways.

Partnership technical support will be provided by the following organizations and volunteer individuals:

1. Los Angeles Air Force Missile & Space Command
2. Aerospace Corporation
3. Raytheon Black Engineers
4. Local A-MAN Jr. Chapter of NSBE
5. OASIS National Space Society Members

A-MAN, Inc. Cluster Site (1) Local: Los Angeles LAUSD Schools
- Hyde Park – Elementary School
- Windsor Hills Sci & Math – Elementary school
- Mid City Prescott – Middle School
- LASW College – High School

A-MAN, Inc. Cluster Site (2) Inglewood City Unified School District & LA County Schools
The A-MAN Headquarters will host the Cluster schools
- St. Eugene – Middle School
- LASW College – High School
- Wadesworth – Elementary
- St. Eugene - Elementary

AMAN STEM based programs offer students small-group activities, experiments, and exploration opportunities utilizing science resources, including robotics labs, a multimedia/internet component, reading/mathematics, and a research lab and laser lab. These are all in addition to Sirius B, a prototype of NASA's International Space Station, in which students simulate space travel, conduct experiments, and communicate with "mission control." A-MAN's co-founders are the science, technology, engineering, and mathematics (STEM) education Co-chairs for the California's 62nd Assembly District and 26th Senatorial District. Contact: 310-412-2680

www.aman.org. Dr. Bettye Walker
A-MAN’s Collaborative Partnerships reach a Broad Community through STEM Education:

A-MAN, Inc. has developed deep partnerships with individuals and institutions who share the vision to increase diversity in (STEM) Science, Technology, Engineering, Math related projects as a motivational tool and advance the educational achievement, and the intellectual and career development of African-American, Latino and other minority students 5-18 years of age. Parents, students and community awareness is raised by holding science fairs regarding the importance of asteroid science and technological advancements of student career pathways.

Collaborative Partnership and technical support will be provided by the following organizations and volunteer individuals:
Collaborative partners include teachers, parents, students, Director of Parks and Rec for City of Inglewood, Los Angeles South West College, AIAA, Los Angeles Air Force Base and Rotary Club of Inglewood. Additional community partners include, The Explorers, Salvation Army, Aerospace Corporation, National Society of Black Engineers, Cal State L.A. School of Engineering, Alpha Kappa Alpha Sorority, Omega Psi Phi Fraternity, Kappa Alpha Psi Fraternity, Charles Drew Medical School, Aio Wireless and KJLH.

Contact: Dr. Bettye Walker, 310-412-2680
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