



## The College 1st Program exists to:

- Promote the importance of completing a postsecondary education to all students.
- Bring awareness of fast-growing career opportunities through hands-on academic enrichment activities and mentorship experiences.
- **3.** Define the skills and attitudes needed for students to achieve college, career, and life success.

IMPROVE ACADEMIC ACHIEVEMENT

INCREASE STUDENT ATTENDANCE IGNITE EARLY COLLEGE & CAREER READINESS





## **COLLEGE & CAREER EXPLORATION CAMPS**



#### **#1. SPACE EXPLORATION**

SCIENCE / ELA

Scholars learn about topics such as our galaxy, blackholes, and exoplanets. They take a fascinating journey through our solar system as they explore life outside our planet, and make plans to take humankind back to the Moon. Scholars plan the next moon mission, design a space rover, and build and launch a rocket as we prepare to land on the Moon again, after more than 50 years.



#### **#2. HEALTH PROFESSIONS**

SCIENCE / ELA

Scholars simulate the role and responsibilities of a healthcare professional. They become familiar with the medical school admission process, and the skills needed to be successful. Scholars engage in different medical professions activities as they learn how to become the next generation of Medical Doctors, Nurses, and Physical Therapists.



#### **#3. ARCHITECTURE AND CONSTRUCTION**

MATH / ELA

Scholars discover the world of architecture, construction, and civil engineering. They are introduced to modern structural engineering, sustainable architecture models, interior design, and residential and commercial construction. They participate in exciting hands-on activities, and competitions that include architectural structure, bridge building, and floor plan design.



#### **#4. ENVIRONMENTAL ENGINEERING**

SCIENCE/MATH

Scholars use their engineering skills to build an environmentally-friendly invention to help reduce the greenhouse gases in our planet. They become familiar with renewable energy resources and learn about today's environmental challenges, including pollution, animal exploitation, and deforestation. Scholars build a wind turbine that generates electric power.





#### **#5. CSI FORENSIC SCIENCE**

Scholars explore law enforcement careers, understand the U.S. Court of Law System, and become CSI Investigators in a mysterious murder scene at a university campus. They participate in interactive forensic science labs including blood splatter, fingerprinting, hair analysis, and footprints to solve this fictitious murder case. Scholars play the attorney role to defend their client, one of the suspects of this crime.



#### **#6. BUSINESS AND ENTREPRENEURSHIP**

MATH / ELA

**SCIENCE / ELA** 

Scholars engage in an exciting entrepreneurship and marketing competition. They are challenged to invent a new product or service, develop a branding plan to take it to the marketplace, becoming real-world entrepreneurs. Scholars must use their persuasive sales skills to introduce their new product or service to potential investors and clients to make it highly successful in today's economy.



#### **#7. MARINE BIOLOGY (NEW)**

**SCIENCE / ELA** 

Scholars discover the marine life as they explore ocean habitats, vegetation, and endangered marine species, while understanding the human behavior effects of pollution, animal poaching, and overfishing that has contributed to the destruction of marine ecosystems. Scholars develop solutions to the challenges our oceans are facing, and what it means for us in our future.



#### **#8. DINOSAUR WORLD**

SCIENCE / ELA

Scholars immerse in the fascinating world of dinosaurs. They learn how our planet has evolved, the paleontological species that lived in different Earth eras, and discover geological patterns and formations with fossils after millions of years. Scholars engage in hands-on activities as they understand the different types of dinosaurs, unveil a fossil and relive the last day of their favorite dinosaur in our planet.



#### **#9. DRONES & ROVERS (NEW)**

**SCIENCE / ELA** 

Scholars discover emerging technology solutions that are shifting many industries. From military operations and security surveillance to air freight delivery and agriculture, new ideas combined with technology advancements are shaping the way we will be living and working in the future. Scholars develop new Rovers and Drones as an innovative solution for today's world challenges.



#### **#10. EARTH SCIENCE**

**SCIENCE / ELA** 

Scholars explore how our planet works and what it needs to thrive. They participate in interactive earth science activities like understanding the logic behind increment weather patterns, global warming, and the humankind carbon footprint. Scholars engage in developing innovative solutions to the challenges our Planet Earth is currently facing and design an eco-friendly invention in an exciting competition.



#### **#11. GLOBAL PANDEMIC**

SCIENCE / ELA

Scholars engage in interactive activities to control a global pandemic. They understand how COVID-19 originated and spread across the world as they immerse themselves into the role of scientists working together to avoid catastrophic consequences for humanity. Scholars participate in hands-on activities that include DNA Analysis, Virus Identification, and Pandemic Control.



#### **#12. MEDIA ARTS AND COMMUNICATION**

**SOCIAL STUDIES / ELA** 

Scholars assume the role of social media influencers, graphic designers, and journalists. They participate in a series of hands-on activities to understand the responsibilities of an independent social media influencer. Scholars learn about the addictiveness of using social media, to working with marketing agencies in promoting a product or service, by using 21st century media arts and communication tools.



#### **#13. COLONIZING MARS**

**ELA / MATH** 

Scholars learn all about Mars. From understanding the atmosphere, gravity, and terrains, to the technology humankind needs to colonize it to become a multi-planetary species. They develop a fascinating Mission to Mars while exploring proof of ancient life on the Red Planet. Scholars design a Mars Mission, build a Rover, and launch a Rocket that travels over 1000 feet high.



## **#14. ANIMAL BIOLOGY**

**SCIENCE / ELA** 

Scholars explore animal species and their ecosystems. They learn how human behavior is affecting wild animals and their impact on human health. They develop solutions to protect and preserve the most vulnerable animal species and their ecosystems in our planet. Scholars understand the food chain, the importance of all species in every ecosystem, and engage in an animal exploration experience.



### **#15. COLLEGE, CAREER, & LIFE SUCCESS**

ELA

Scholars engage in an interactive college and career exploration session where they learn which college and career is best for them, and the essential steps for an effective college transition. They learn about success skills, financial aid, and scholarship applications. Scholars design their future plans as they engage in a fine arts activity to unleash their energy to achieve college, career, and life success.



STAR All On-Site CAMPs can be customized to include Reading and Writing (ELA), Math, Science and Social Studies State Test Standards at the Elementary, Middle School and High School Level.



Our team is composed of undergraduate and graduate college students along with industry professionals from diverse career backgrounds. They facilitate academic-enrichment activities, career exploration sessions, and real-world mentorship experiences.

# **Student Testimonials**



My experience was fun and educational.It inspired me to learn about different careers.

-Ivan C.

Migrant Education Student



These CAMPs are important because they show you something new, and can make a positive impact for your future and people around you.

-Ayleen C.

Vanguard Academy GEAR UP Student



A lot of people don't know what they want to go into when they go to college, this is a good opportunity for them to learn how to be prepared for their careers.

-Macario S. ard Bound Student

















































































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