



SUMMER ACADEMIES '24

STARBASE IS AN AWARD-WINNING, PREMIER YOUTH EDUCATION STEM PROGRAM DESIGNED TO IGNITE INTEREST IN SCIENCE, TECHNOLOGY, ENGINEERING, AND MATH WHILE ENCOURAGING CRITICAL THINKING THROUGH HANDS-ON/MINDS-ON ACTIVITIES AND PROJECTS.

ACADEMY INFORMATION AND DATES OFFERED

★ Summer Academy

- ROCKETS & ROBOTS
- MISSION STARBASE
- MISSION STARBASE

Date

- JUNE 3-6
- JUNE 10-13
- JUNE 17-20



Location: STARBASE Kansas City
 Lenexa National Guard Armory
 18200 W 87th Street
 Lenexa, Kansas 66219



★ **Ages:** Students having completed 4th or 5th grade in May 2024

★ **Hours:** 9:00 am- 2:00 pm
 Monday-Thursday

★ **Registration Begins:** March 19, 2024
 Download Enrollment form at:
www.kansastarbase.org
 Email Enrollment forms to:
kansascity@kansastarbase.org

★ **No Summer Academy Fee**

★ **Limit One Academy per Student**

★ **Donations Accepted**

ACADEMY DESCRIPTIONS

Mission STARBASE

Students will:

- Create a simulation of the moon's surface and explore using various robots as rovers
- Study the engineering behind getting humans to Mars
- Learn about hydroponics and plant growth in space
- Test aerodynamics in a wind tunnel

ROCKETS & ROBOTS

Students will :

- Be given challenges to solve real-world problems by building and programming with Lego Spike, Sphero, and CoDrone Robots
- Study flight and learn terminology, along with tracking altitude and calculating the apogee of various rockets
- Interact with various community mentors in the robotics and flight industry

For More Site Information visit www.kansastarbase.org