Starport has teamed up with Snapology of Houston to offer science, technology, engineering, art and mathematics (S.T.E.A.M). Snapology is a learning concept that combines play with education. We provided fun and engaging environments for children to learn science, technology, engineering, art, and mathematics (S.T.E.A.M.), and literacy concepts using LEGO® bricks, technology, and other tools. Additionally, students develop social, teambuilding, and problem-solving skills, as they progress through our programs. Our mission is to provide children an opportunity to engage in “playful learning” activities that will stimulate their creativity and spark an interest in learning.

Each week will combine two different S.T.E.A.M. concepts in AM and PM sessions. Campers will have a one-hour lunch break and one-hour gym break each day. Camper’s lunches should require reheating or refrigeration. Lunches are kept in a climate-controlled environment.

Payment plan available for all camps. Contact Gilruth Center for payment plan options. See Starport website for refund policy.

**Why Snapology?**
Snapology offers a variety of activities designed to reinforce the core competencies and curricula being taught at each grade level. Our activities offer students an environment where they are encouraged to create and interact with technology and explore the world around them through hands-on approach that promotes playful learning.

**Inclusive Nature**
Snapology provides an inclusive environment for children to learn and play. Our programs are popular with both traditional and special needs children, including children on the autism spectrum and with sensory processing needs.
CAMPS

S.T.E.A.M camps also known specialty camps are designed to enhance the overall camp experience. Specialty camp curriculums include sports, engineering, technology, arts, leadership, etc. Specialty camp fees and ages vary based on program, supplies and length of camp. Camps may be taught in a class room or sports setting. Ratios for specialty camps range from 1:10 to 1:25 depending on camp and curriculum. Specialty camps may require specific equipment or auxiliary technology apparatuses. Starport is not responsible for damaged, lost or stolen equipment used during specialty camp. All technology devices must be pre-approved by NASA Exchange Program Manager before brought to camp. Specialty camps may be consolidated, rescheduled or cancelled due to low registration. Online processing fees are non-refundable.

CAMP STAFF

All instructors have been trained on all programming and safety for all participants under their supervision. Most instructors are recruited from an education setting and all instructors have a background in education, computer science, primary/secondary education or engineering.

ENROLLMENT

Starport offers camps for ages 5-17 through partnerships with organizations specializing in S.T.E.A.M programming. Camps are open to Johnson Space Center dependents and non-Johnson Space Center dependents. All campers must be registered prior to the first day of each session of camp. Payment is due at the time of registration. Payment plans are available for all sessions. You may register your child online or at the Gilruth Center Information Desk during normal operating hours. Processing fees will apply to all online registration, these fees are non-refundable.

To enroll in camp online parents and participants must create an ActiveNet account. All camp registrations requires:

- Parent or Guardian Name
- Additional individuals authorized to pick up
- Child’s Insurance Company
- Child’s Insurance Policy #
- List of any allergies

LOCATION

CAMPS SCHEDULE

Camps are scheduled June 3 - August 9. Camps are Monday through Friday. We are closed July 4th. Camps are schedule from 9:00am - 4:00pm. Extended care will not be provided for 2019 Summer Camps.

Description

Amusement Park Engineering—We bet your child loves going to amusement parks to experience the variety of fast, dropping, and spinning rides, but have they ever thought about the science that goes into building those rides and the people who are responsible for designing them? In Snapology’s Amusement Park Engineering class, students will become engineers of their own amusement park rides and will learn the core physics and engineering concepts used to make a ride thrilling!

Drone Commander—In Snapology’s Drone Commander camp, your student will be introduced to the world of Unmanned Aerial Vehicles (UAVs) and develop a deep understanding on how to control and manage this exciting technology. This workshop will give your student the chance to safely test out some of the newest advancements in aerial flight and really take their knowledge of engineering to new heights!

Animation Studio—Create fantastic movies with stop motion animation using LEGO® bricks. Children will work in teams under guided instruction to make a digital movie using stop motion techniques. Teams will go through the entire movie making process, from plot and character planning to editing. The best part is, their video will be uploaded to Snapology’s YouTube channel, so they can show friends and family their very own video!

Combats Robots—Do you think your child can build the strongest and most agile robot? Can their robot win a head-to-head combat mission? Your child will discover basic strategies for building sturdy structures and then apply that knowledge to build a robot for friendly competition. They should be prepared to have tons of fun!

Mega Machine Robotics—In Snapology’s Mega Machine Robotics class, your child will create some of their favorite motorized vehicles. Students will learn about gear ratio, sensors, pulleys, cranks, and programming as they build trucks, space rovers, helicopters, and much more. Your child is sure to have fun as they build, learn, and play.

Video Game Design—Create your own video game in this awesome Snapology class. We’ll teach you how to design your very own online game with Stencyl game creation software. You even get to take your game home on a flash drive so that can be shared and played at home with family & friends. Don’t miss out!