

## Little Astronauts Pre-K & Kindergarten

Spend two hours as a Space Traveler at the Buehler Challenger & Science Center.

Learn to live and work in space, experiment with rockets, learn how air affects the three states of matter, explore the world of magnetism, and investigate the science of color. Space Travelers will lift-off in our spacecraft simulator.



## Astronaut Adventure 1st & 2nd Grades

Campers will enjoy space exploration and lift-off in our state of the art spacecraft. Experience four hours of science fun! Sample activities include:

- Astronaut Suit Design Challenge
- StarLab
- Water Filtration
- Chemistry
- Material Science



## Astronaut Rookies 3rd & 4th Grades

The adventure of space exploration awaits! Each day campers will have a new themed Space Lab. Campers will learn about the Solar System and beyond, along with:

- Lift-off in our simulated spacecraft
- StarLab Planetarium
- Rocketry
- Experiments
- Robotics



## Rocket Girls 5th - 8th Grade Girls

Rocket Girls Camp encourages girls to become risk takers and learn how to use science, math and technology to shape their future.

- Blast off and fly simulated missions to Comet Halley, the Moon and Mars
- Build and launch rockets
- Design Challenges
- Egg Drop Challenge
- Scrapbooking
- Women in aviation
- Simulated Martian Rover



## Is there Life in the Universe? 5th & 6th Grades

Like astrophysicists, campers will explore the concept of life elsewhere in the universe. Through hands-on activities, campers will explore the criteria for life and the technology necessary to search for it beyond our solar system.

- Cars of the Future
- Team building challenges
- Mars Base design challenge
- Fly simulated space missions to Comet Halley, the Moon and Mars

## Living & Working in Space 5th & 6th Grades

Like astronauts in training, campers will learn about life in space from the early days of Mercury to present and future missions. Campers will simulate what it is like to eat, sleep and work in space. Astronauts in training will complete the following:



- Team Building Challenges
- Build and Launch Rockets
- Learn about living in Microgravity
- Starship X Design Challenge
- Fly simulated space missions to Comet Halley, the Moon and Mars

## Preparing for Flight 7th & 8th Grades

In preparation for flight, the campers, acting as astronauts, experience the rigors of simulated training and missions to space. Campers will build:

- Planes
- Water Rockets
- Engine Rockets
- Airport of the Future
- Fly simulated space missions to Comet Halley, the Moon and Mars
- Airport Visit (TBD)



## Product Engineering 9th - 12th Grades



Our program gives participants exposure to engineering challenges and introduces them to math and science careers. Participants will employ the engineering design process as they tackle challenges just like those faced by NASA engineers as they design the next generation of spacesuits and space vehicles.

An open house and award ceremony is a highlight of the week. In addition to the engineering design challenges, campers will fly missions in our simulator, and develop products using 3D printers.

Buehler Challenger & Science Center  
400 Paramus Road, Lot C  
Paramus, NJ 07652

201-251-8589  
www.bcsc.org



## CAMP PROGRAMS FOR 2019

<u>Week</u>	<u>Theme</u>	<u>Entering Grade</u>
June 24 <sup>th</sup>	Is There Life in the Universe?	5-6
June 25 <sup>th</sup>	Little Astronauts	Pre-K/K
June 27 <sup>th</sup>	Astronaut Adventure	1-2
July 1 <sup>st</sup> & 2 <sup>nd</sup>	Astronaut Rookies	3-4
July 8 <sup>th</sup>	Living & Working in Space	5-6
July 15 <sup>th</sup>	Preparing for Flight	7-8
July 22 <sup>nd</sup>	Rocket Girls	5-8
July 29 <sup>th</sup>	Product Engineering	9-12

Non-Profit  
U.S. Postage  
PAID  
Paramus, NJ  
PERMIT No. 166

### SPACE IS LIMITED...BOOK NOW!

Book before April 1<sup>st</sup> for a 10% discount.

Space Camp is run by certified teachers.

Full payment is required at the time of reservation.

The Center accepts Master Card, Visa, and checks.

Reserve your camp today by calling (201) 251-8589.

### CAMP SCHEDULE

PreK- K camp: Tuesday, 10am - 12pm

1<sup>st</sup> - 2<sup>nd</sup> grades: Thursday 10 am- 2pm \*

3<sup>rd</sup> - 4<sup>th</sup> grades: Monday-Tuesday 9 am - 3 pm \*

5<sup>th</sup> - 8<sup>th</sup> grades: Monday-Friday, 9 am - 3 pm \*

9<sup>th</sup>-12<sup>th</sup> grades: Monday-Thursday, 8:30 am-3:30 pm \*

\*Campers bring lunch; we provide snacks & drinks

### COST

PreK - K camp: \$60 10am-12pm

1<sup>st</sup> & 2<sup>nd</sup> grade camp: \$120 10am - 2pm

3<sup>rd</sup> & 4<sup>th</sup> grade camp: \$275 2 days 9am-3pm

5<sup>th</sup> -12<sup>th</sup> grade camps: \$650 per week

### REFUND/CANCELLATION POLICY

In the event you must cancel your reservation, you will receive a refund as defined below:

- 100% of your payment will be refunded eight weeks prior to the session's start date.
- 50% refund three - seven weeks prior to the session's start date.
- No refund within two weeks of the start date.
- No refund for campers who leave camp for illness.



Call Mission Services today  
to reserve your camp!  
201-251-8589

**Buehler Challenger & Science Center**  
**PO Box 647**  
**Paramus, NJ 07653**

*Return Service Requested*

ing in Mission Control

**STEM**

**Space Camp!**  
**Your adventure awaits**

**BUEHLER**  
**CHALLENGER & SCIENCE CENTER**