

PACKING LIST

ALL GEAR SHOULD BE PACKED
SECURELY IN A WHEELED SUITCASE OR
OTHER SUITABLE LUGGAGE

BASIC NEEDS

- ◆ Old shirts
- ◆ Shorts
- ◆ Jeans or old pants
- ◆ Jacket
- ◆ Sweatshirt or Sweater
- ◆ Rain Gear
- ◆ Sleepwear
- ◆ Underwear
- ◆ Socks
- ◆ Bath Towel
- ◆ Large Beach Towel
- ◆ Wash Cloth
- ◆ Toothbrush
- ◆ Toothpaste
- ◆ Swim Suit
- ◆ Soap/Shampoo
- ◆ Pillow
- ◆ Flashlight
- ◆ Sleeping Bag or Bedding
- ◆ Water Bottle
- ◆ Walking Shoes

OPTIONAL GEAR

- ◆ Sun hat
- ◆ Sun glasses
- ◆ Sunscreen
- ◆ Lip Balm
- ◆ Clipboard
- ◆ Camera
- ◆ Insect Repellant

WINTER GEAR

- ◆ Warm Waterproof Jacket
- ◆ Warm Gloves
- ◆ Waterproof Boots
- ◆ Water Resistant shoes (no slip soles)
- ◆ Warm Hat
- ◆ Wool Socks
- ◆ Thermal Underwear

DO NOT BRING THE FOLLOWING

- | | |
|---------------------|------------------|
| Weapons of any kind | Television |
| Knives of any kind | Radios |
| Sling Shots | iPods |
| Fire Works | Video Games |
| Alcohol | Chewing Gum |
| Illegal Drugs | Sun Flower Seeds |
| Cell Phones | Silly String |

SUMMER CAMP

We have **SUMMER CAMPS** too!

Call our office *toll free* for more Information

888-836-1212

ASTROCAMP (Ages 8-17)

Astronomy - Rocketry - Space Exploration
Welding - Blacksmithing - Wood Working
Photography - Physical Science Labs - BMX
Kart Driving - Lake Activities - Summer Camp Fun

www.astrocampsummerva.org

CATALINA SEA CAMP (Ages 8-17)

Snorkeling - Kayaking - Marine Biology
Island Ecology - Nature Crafts
Scuba - Snorkeling
Oceanography - Underwater Photography
Surfing - Underwater Video - Sailing
Board Sailing - Summer Camp Fun
(Some activities are age specific. Call for more information)

www.catalinaseacamp.org

CAMP MOTORSPORT (Ages 9-17)

Off-Road Driving - Paved Track Driving - BMX
Paint Ball - Swimming - Relationship Building
Fun With Science - Traditional Summer Camp Fun

www.campmotorsport.org



DEAR PARENTS

AstroCamp is a unique STEM Based outdoor science program available to the students of your school. Specializing in astronomy and the physical sciences, AstroCamp meets the increasing demand for up to date education on these rapidly advancing fields of science. Where better to learn about the universe than under a clear night sky! Classes include lights and lasers, rocketry, electricity and magnetism, and a sophisticated observational astronomy evening program, among many others. AstroCamp also has a large pool for microgravity classes and high ropes course for team building. The entire AstroCamp experience is designed to awaken and sharpen student interest in the scientific study of the universe as well as build self-esteem and problem solving skills through safe challenge activities.

AstroCamp instructors have college degrees and are committed to providing an outstanding program for your student. They are a combination of skilled teacher and fun-loving good friend. All staff take the safety of participants seriously and work carefully to insure a safe and fun experience for everyone.

Your support is an important key to a successful AstroCamp experience. If you have questions your school personnel can't answer, or if you would like summer camp information, please call our administrative office.



Sincerely Yours,
Ross Turner, Executive Director
Guided Discoveries

AstroCamp 8144 Mt. Laurel Rd.
Clover, VA 24534
888-836-1212

PROGRAM COMPONENTS

The Exploration of the Universe Astronomy and Physical Sciences

The AstroCamp program is composed of a series of one hour, half day, full day, including field activities and evening labs.

Astronomy **Cosmic Lander**
Rocketry **Atmosphere & Gases**
Lights & Lasers
Electricity & Magnetism
Solar Studies
Micrometeorites
Remote Sensing

ASTROCAMP OBJECTIVES

AstroCamp endeavors to:

- Excite students about science
- Introduce students to a variety of scientific concepts, principles, and theories taken from astronomy, space, exploration, and physical science.
- Provide hands-on laboratory activities in both traditional and non-traditional settings, wherever possible, using sophisticated scientific apparatus.
- Provide students with an introduction to the universe.
- Explore past, present, and future relationships between science, technology, and society.
- Provide an opportunity for growth in self-awareness, self-esteem, and team building through cooperative adventure activities.

THE LOCATION

AstroCamp Virginia is located near the town of Clover, two hours from Richmond. The campus includes 406 acres of meadows and woods. The facility has comfortable air-conditioned rooms with rest-room and showers. Three nutritionally-balanced meals are provided daily in the dining hall.

AstroCamp has science labs, meeting rooms, off-road and paved racing tracks, swimming pool, recreation, and outdoor program areas.

THE ASTROCAMP STAFF

AstroCamp maintains a resident staff of qualified, well-trained instructors. All instructors have an appropriate college degree and are trained in first-aid, CPR, and water safety. They are enthusiastic and eager to lead your students through this unique science adventure.

RESEARCH GROUPS

All of the AstroCamp programs are conducted by research groups consisting of approximately 15 students. One adult chaperone must accompany each research group. The research groups will be led by an AstroCamp Instructor for the entire program which results in a very positive rapport between student and instructor. AstroCamp Instructors are known for their focused attention to the students.

TRANSPORTATION

Transportation to and from AstroCamp is the responsibility of each school.



THE DAILY SCHEDULE

7:00am	Rise and Shine
7:30am	Breakfast
8:15am	Dorm Housekeeping Time
9:00am	Morning Program Session
12:30pm	Lunch
1:00pm	Open Recreation
2:00pm	Afternoon Program Sessions
6:00pm	Dinner
6:30pm	Open Recreation
7:30pm	Evening Program Session
9:00pm	Cabin Hours