



HANDS-ON ASTRONOMY SESSIONS
(FOR CLASSES III TO V)

The school in its continuous endeavour to bring the best & the latest in the field of education to its students is organizing the Hands-On Workshops in association with SPACE.

SPACE offers, a wonderful opportunity for students to learn exciting and new concepts of astronomy and space sciences, by hands-on learning and activities.

The Hands-On Sessions Workshops will be conducted in different months in the school campus. The details are listed below.

HANDS-ON SESSIONS	TIME DURATION	BRIEF DESCRIPTION	TAKE AWAY HOME KIT	COST OF SESSIONS
MAGNIFICENT FAMILY OF SUN	90 minutes (During school timings in school campus)	Students will learn about solar system objects like planets, dwarf planets, natural satellites, asteroids and comets. They will understand various features and facts about these objects and their sequence in the solar system. They will solve puzzle of solar system objects to get clues that will help them to find these objects placed in a pool of balls called as solar family pool. Participants will learn about the solar family along with the reason for being it called as solar family.	DIY Solar Family Kit + Handbook	Rs. 2100/-
ROCKET A SPACE vehicle	90 minutes (During school timings in school campus)	Students will realize that even as simple and as omnipresent thing like air can be used as a fuel to launch rockets which will fly to great heights and lengths. Rockets and their configuration. Each student will construct his/her own rocket	One self-made rockets + rocket launcher+ handout	for the set of 4 hands-on
THE MAGIC OF LIGHT	90 minutes (During school timings in school campus)	This workshop is designed to honor the year 2015-THE INTERNATIONAL YEAR OF LIGHT, as declared by the United Nations. The child learns that light binds the whole universe. The activities in the workshop help children to form a strong base about optics studied in higher classes and help them to practically understand that light plays an important role in our everyday life.	Shoot the alien game + Educational Resource booklet	workshops, inclusive of take away kit
DESTINATION MOON AND PLANET	150 minutes (During evening in school campus)	In this workshop, students will learn about phases and features of the Moon. Students will enjoy observing Moon and different planets through a telescope, realizing how our Moon looks up close – like swiss cheese. Also they will know about various constellations, bright stars and planets. Parents are invited in the evening session.	Handout +Moon poster	material
ASTRONOMY DAY	During school timings in school campus	Students will celebrate Astronomy and showcase their learning to their friends and teachers.	Logistics provided by Space	

LAST DATE OF ENROLLMENT: The last date for enrolment is **06 July, 2018**.

EXECUTION DATES OF WORKSHOPS: The execution dates will be provide post enrolment of students.

MODE OF PAYMENT: Cheque in favour of “ BAL BHARATI PUBLIC SCHOOL, NOIDA”.

NOTE: Every participant student would receive kit material in each session and a certificate of participation in the end. Students winning the competition (organized during each workshop) would be awarded with prizes. **Apart from the above sessions, students will also participate in International events which will be conducted every month throughout the year like Sally ride Earthkam, Project paridhi , Global Astronomy month, World Space Week, Online and personal interaction with scientist and astronauts.**

For further inquiry, please contact at 09250901019 or visit www.space-india.com, www.universeintheschool.com

Coordinator _____

Principal _____

CONSENT SLIP FOR PARENTS

I hereby give my acknowledgment for my child’s participation in Space Astronomy and Space Science Hands-On Workshops.

Student Name _____ Class _____ Section _____ Parent’s Sign _____