

SUMMER ACTIVITIES - 2009

Group	Duration & Dates	Timings
Universe in the Class Room (Astronomy) Only for Upper Primary & High School	I Batch -3 days: April 1 - 3, 2009 II Batch - 3 days: April 28 - 30, 2009	4:00 pm to 7:00 pm
Tiny Tots (BASE CAMP) (from 3 rd , 4 th and 5 th std)	I Batch 10 days April 2 - 12, 2009 II Batch 10 days April 15 - 28, 2009	10:30 am to 12:30 pm
Base Camp (from 6 th to 9 th Standard)	I Batch 10 days: April 15 - 28, 2009 II Batch 10 days: May 6-20, 2009	10:30 am to 12:30 pm & 1:30 pm to 3:30 pm
Xplore (from 9 th to 10 th Standard)	10 days April 15 - 28, 2009	1:30 pm to 3:30 pm
Summer Course (from 8 th to 10 th Standard)	April 16 to May 7, 2009	10:30 am to 3:00 pm
One day workshop on recreational Mathematics* (from 7 th to 10 th Standard)	April 19, 2009	10:30 am to 4:00 pm
One day workshop on Soap Bubbles* (7 th to 10 th Standard)	April 26, 2009	10:30 am to 4:00 pm.
One day workshop on Sound* (7 th to 10 th Standard)	May 3, 2009	10:30 am to 4:00 pm
One day workshop on Candles* (7 th to 10 th Standard)	May 10, 2009	10:30 am to 4:00 pm
From Web of Life to Universe (PUC & B.S.c students)	10 days: May 20 - 30, 2009 (Tentative dates)	

Registration Fee :

One day workshops	Rs. 100/-
All the other programmes	Rs. 350/-

Bangalore Association for Science Education Jawaharlal Nehru Planetarium

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SUMMER PROGRAMMES - 2009

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Bangalore Association for Science Education (BASE) will be conducting several activity-based summer programmes covering a wide age group of students. The programmes comprise lecture-demonstrations, discussion-based interactive sessions, working on the computers, etc. The schedule is as follows:

a) Tiny-Tots Programme:

This is a ten day science camp for students of classes III to V, that includes simple science demonstrations, model making, origami and field trips. The activities are moderated through discussions by the resource persons. The first batch of the programme commences on April 2 and ends on April 12. The second batch of the programme commences on April 15 and ends on April 28. The registration fee is Rs.350/- (Rupees Three hundred and fifty only).

b) Science Camp:

This is a ten day long science camp for students of classes VI to X. Students of classes VI and VII comprise the junior batch and students of classes VIII – X form the senior batch. Students are taught the basics of science through demonstrations, lectures and laboratory activities. Experiments are conducted on a variety of topics like optics, sound and mechanics. The first batch commences on April 15 and ends on April 28. The second batch commences on May 6 and ends on May 20. The registration fee is Rs.350/- (Rupees Three hundred and fifty only).

c) Summer Course for school students:

This is about fortnight long programme for students of classes VIII to X. These are intensive programmes consisting theory classes, laboratory and computer sessions, demonstrations, film shows and visits to laboratories of research institutes. About forty sessions on the theme “***Patterns in Nature***” have been scheduled. Experts from various institutes give lectures to these students. This programme commences on April 16 and ends on May 7. The registration fee is Rs.350/- (Rupees Three hundred and fifty only).

d) *XPLORE:*

This is for students of classes IX and X. It is a ten-day programme comprising laboratory type of experiments involving measurement, data analysis and theoretical discussions. A student works on ten different experiments related to physics, chemistry and biology. This programme commences on April 15 and ends on April 28. The registration fee is Rs.350/- (Rupees Three hundred and fifty only).

e) *Universe in the Class Room:*

This is a three-day programme for Upper Primary and High School students. The programme consists of introduction to astronomy to students with hands on activities, models, demonstrations and movies. This programme will be conducted in two batches ie., the first batch commences from April 1 to 3 and the second batch from April 28 to 30. The registration fee is Rs.350/- (Rupees Three hundred and fifty only).

f) *From Web of Life to Universe:*

This is a three-week long programme for college students. This is aimed at motivating PU and B.Sc., students towards research both in Physics and Life Sciences. Lectures for these courses are given by senior practising scientists from research institutes. The lectures introduce the students to frontier areas of research in various fields. Special lectures by medical practitioners about relevance of physics and biology to medical science also are scheduled. This programme commences on May 20 and ends on May 30. The registration fee is Rs.350/- (Rupees Three hundred and fifty only).

g) *One Day Workshops:*

Four one-day workshops will be conducted for students of classes 7 – 10. These are activity-based programmes that introduce students to some wonderful phenomena that they encounter in daily life. The workshop will be held between 10:30am and 3:00 pm on April 19 and 26; and May 3 and 10.

Schedule for Summer Activities – 2009

Dates	Particulars	Timings	Standard / Class	Registration Fee
APRIL				
1 – 3	Universe in the Class Room	4:00 pm to 7:00 pm	Upper Primary and High School	Rs.350/-
2-12	Tiny Tots (Batch 1)	10:30am - 12:30pm	3 rd , 4 th and 5 th	Rs.350/-
15 – 28	BASE CAMP (Batch 1)	10:00am – 12:00Noon and 1:00pm – 3:00pm	6 th and 7 th & 8 th and 9 th	Rs.350/-
15 – 28	Tiny Tots (Batch 2)	10:30am – 12:30pm	3 rd , 4 th and 5 th	Rs.350/-
15 – 28	Explore	1:30pm – 3:30pm	9 th and 10 th	Rs.350/-
16 – May 7	Summer Course	10:30am – 3:00pm	8 th , 9 th and 10 th	Rs.350/-
19	One day workshop on Mathematics	10:30am – 3:00pm	7 th to 10 th	Rs.100/-
26	One day workshop on Soap Bubbles	10:30am – 3:00pm	7 th to 10 th	Rs.100/-
28 – 30	Universe in the Class Room	4:00 pm to 7:00 pm	Upper Primary and High School	Rs.350/-
MAY				
3	One day workshop on Sound	10:30am – 3:00pm	7 th to 10 th	Rs.100/-
6 – 20	BASE CAMP (Batch 2) (includes KVs)	10:00am – 12:00Noon and 1:00pm – 3:00pm	6 th and 7 th & 8 th and 9 th	Rs.350/-
10	One day workshop on Candles	10:30am – 3:00pm	7 th to 10 th	Rs.100/-
20 – 30 (Tentative)	From Web of Life to Universe	4:00pm – 6:00pm	PUC and BSc. students	Rs.350/-