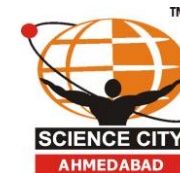




Department of Science & Technology
Government of Gujarat

GUJARAT COUNCIL OF SCIENCE CITY
DEPARTMENT OF SCIENCE & TECHNOLOGY, GOVERNMENT OF GUJARAT



SUMMER SCIENCE ENRICHMENT PROGRAMMES 2018
[5th May to 5th June 2018]

1. CREATIVE SCIENCE LEARNING WORKSHOP

Sl. No.	Programme Title	Activities	Date & Time	Time	Venue	Age group
1	Introduction to single board computer and language programming	Making of minicomputer and language programming	7 th to 9 th May 2018	11 to 1 pm	Auditorium II	15-18 years
2	Workshop Biometric based Authentication	Biometric system	11 th to 12 th May 2018	11 to 1 pm	Auditorium I	15-18 years
3	Learning Mathematics Through Origami	Fun with math, geometry, trigonometry	11 st to 12 th May 2018	3 to 5 pm	Hall of Space	10-17 years
4	Laser Technology	Applications of laser technology in daily life	14 th to 16 th May 2018	11 to 1 pm	Auditorium I	15-18 years
5	Workshop on Water booster rockets	Water booster rocket	14 th to 16 th May 2018	3 to 5 pm	Planet Earth	10-17 years
6	Workshop on 3D Printing	3D Printing	17 th to 19 th May 2018	11 to 1 pm	Auditorium I	15-18 years
7	Sensitization Programme on Nanotechnology	Fundamentals of Nanotechnology and Nano sciences	17 th to 19 th May 2018	3 to 5 pm	Auditorium I	15-18 years
8	Workshop on Ham Radio	HAM Radio	21 st to 23 rd May 2018	11 to 1 pm	Auditorium I	15-18 years
9	Workshop on Astronomy	Basic of amateur astronomy and sky observation	21 st to 23 rd May 2018	3 to 5 pm	Auditorium II	15-18 years
10	Hydroponics: Fun with Plants in soil less condition	Science of Hydroponics, preparation of media solution, creative pot making	24 th to 26 th May 2018	11 to 1 pm	Auditorium I	10-17 years
11	Workshop on Telescope making	Basic principles of telescope, different parts & functions, assembling	24 th to 26 th May 2018	3 to 5 pm	Auditorium II	15-18 years
12	Workshop on Biodiversity and Climate Change	Weather Science	28 th to 30 th May 2018	11 to 1 pm	Auditorium I	15-18 years

2. HANDS-ON & MINDS-ON BASIC SCIENCE EXPERIMENTS

Sl. No.	Programme Title	Activities	Date & Time	Time	Venue	Age group
1	Fun Physics (mechanics, dynamics, heat, light, electricity and magnetism)	Hands on activities, experiments, Screening of DVDs and discussion	7 th to 9 th May 2018	3 to 5 pm	Hall of Space	12-14 years
2	Workshop on Robotics	Assembling and making of robots	7 th to 9 th May 2018	3 to 5 pm	Auditorium II	10-17 years
3	Workshop on Drone & Aerodynamics	Assembling and making of drones	17 th to 19 th May 2018	3 to 5 pm	Auditorium II	15-18 years
4	Fun Chemistry	Interesting demo on acid-base, oxidation-reduction	15 th to 16 th May 2018	11 to 1 pm	Auditorium II	12-14 years
5	Hands-on Physics	Demonstration on basic science and physics	21 st to 23 rd May 2018	11 to 1 pm	Auditorium I	10-17 years
6	Chemistry in a box	Magic of chemistry	10 th to 11 th May 2018	11 to 1 pm	Auditorium II	10-17 years
7	Chemistry Unlimited: career in chemistry	Career counseling, course and scholarships	16 th to 19 th May 2018	11 to 1 pm	Auditorium II	15-18 years
8	Exploring Nature	Activities on soil, water, air, animal & bird, etc.	9 th to 11 th May 2018	3 to 5 pm	LSP	10-17 years
9	Experiment in Biosciences (Chromatography, studies of animal and plant specimen)	Practical work & Demonstrations, Project work	14 th to 16 th May 2018	11 to 1 pm	LSP	10-17 years
10	Amazing micro world	Microscopic studies	21 st to 22 nd May 2018	11 to 1 pm	LSP	15-18 years
11	Making of Herbarium	Plant Study	1 st to 2 nd June 2018	11 to 1 pm	Auditorium I	15-18 years
12	Plant Tissue Culture	Hands-on Activity	17 th to 19 th May 2018	11 to 1 pm	LSP	15-18 years

3. CELEBRATING SCIENCE:

Sl. No.	Programme Title	Activities	Date & Time	Age group
1	National Technology Day	Debate and essay writing Public lecture on S&T	11 th May 2018	Open to all
2	World Telecommunication Day	Activities & Competition	17 th May 2018	Open to all
3	International Day for Biological Diversity	Painting, elocution and quiz, puzzle competition, Demo & Lecture	22 nd May 2018	Open to all
4	Gujarat Science City Foundation Day, World No-Tobacco Day	Debate and essay writing Public Interaction	31 st May 2018	Open to all
5	World Environment Day	Painting, elocution and quiz, puzzle, Demo & Lecture	5 th June 2018	Open to all

4. ENERGY AND ENVIRONMENT

Sl. No.	Programme Title	Activities	Date & Time	Time	Venue	Age group
1	Our Renewable Energy	Introduction and concepts, activities	31 st May to 2 nd June 2018	11 to 1 pm	Planet Earth	12-14 years
2	Energy Audit	Practical and project work	31 st May to 2 nd June 2018	3 to 5 pm	Planet Earth	10-17 years
3	Project on Energy Conservation Activities on Solar Energy & Wind Energy	Project making exercise Demonstration & Activities	4 th to 5 th June 2018	11 to 1 pm	Planet Earth	10-17 years

5. PLANET EARTH

Sl. No.	Programme Title	Date & Time	Time	Venue
1	Earth Science: Bones, Body & Biology	15 th to 17 th May 2018	3 to 5 pm	Planet Earth
2	Understanding of Biodiversity	9 th to 11 th May 2018	3 to 5 pm	Planet Earth
3	Mystery of Butterfly	6 th to 8 th May 2018	11 to 1 pm	Planet Earth
4	Science For Kid	Every Saturday & Sunday	11 to 1 pm	Planet Earth
5	Rocks & Minerals	6 th to 8 th May 2018	11 to 1 pm	Planet Earth

7. Science Matters: Popular Science Lecture Series

- Last week of every month : 3.00 to 5.00 pm : Auditorium I : Open to All
- Science Film on LED Screen : 4.00 to 7.00 pm : LED Screen : Open to All
- Night Sky Observation : 7.30 to 8.30 pm : Amphitheatre : Open to All