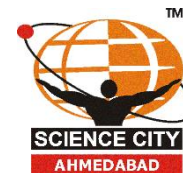




Department of Science & Technology  
Government of Gujarat

**GUJARAT COUNCIL OF SCIENCE CITY**  
**DEPT OF SCIENCE & TECHNOLOGY, GOVT OF GUJARAT**



**SUMMER SCIENCE PROGRAMME - 2023**  
**[2<sup>nd</sup> to 27<sup>th</sup> May 2023]**

Sl. No.	Date & Day	Time	Programme Title	Activities	Venue	Resource Person	Std.	No. of seats
1	2, 9, 16, 23 May 2023	11:00 to 13:00 hrs 14:00 to 16:00 hrs	Block Coding Workshop	Learn about the Block Coding, Blockzie, Design and test the Game, Animation, Application.	Nobel Dome	Mr. Sagar Sojitra Shreeji Techno	Std. 5 to 8	25 25
2	2, 9, 16, 23 May 2023	11:00 to 13:00 hrs 14:00 to 16:00 hrs	Creative Toy Making	Explore idea, design and develop toy	Nobel Dome	Mr. Kalpesh Akhani Teacher Radhanpur	Std. 6 to 10	25 25
3	3, 10, 17, 24 May 2023	11:00 to 13:00 hrs 14:00 to 16:00 hrs	Hardware Coding Workshop	Learn about the Hardware Coding, Design and test the Game, Animation, Application	Nobel Dome	Mr. Sagar Sojitra Shreeji Techno	Std. 9 to 11	25 25
4	3, 10, 17, 24 May 2023	11:00 to 13:00 hrs 14:00 to 16:00 hrs	3D Printing Workshop	Information about 3D printing, prepare design or sketch, use 3D pen, develop 3D object	Nobel Dome	Mr. Sagar Sojitra Shreeji Techno	Std. 6 to 10	25 25
5	4, 11, 18, 25 May 2023	11:00 to 13:00 hrs 14:00 to 16:00 hrs	Electronics Circuit Making: PCB Design	Study of basic component i.e. Capacitor, Register, Diode, Transistor, IC etc. Parallel & Series Connection, Open & Close Circuit, DC light circuit, Rain & Temperature Alarm, Touch Sensor, LED Circuit.	Nobel Dome	Mr. Devendra Patel, Electronics Engineer Ahmedabad	Std. 8 to 10	25 25
6	4, 11, 18, 25 May 2023	11:00 to 13:00 hrs 14:00 to 16:00 hrs	Wonder of Chemistry	Identification of chemicals, structure, properties, chemical reaction, fun activities with different chemical.	Nobel Dome	Dr. Anil Patel Nisarg Science Centre Gandhinagar	Std. 6 to 10	25 25

7	5, 12, 19, 26 May 2023	11:00 to 13:00 hrs 14:00 to 16:00 hrs	Fun Physics	Basic principles of pressure, force, newton's law, mechanics, dynamics, heat, light, electricity and magnetism etc.	Nobel Dome	Dr. Harshal Vyas Asst. Professor KSV Gandhinagar	Std. 6 to 10	25 25
8	5, 12, 19, 26 May 2023	11:00 to 13:00 hrs 14:00 to 16:00 hrs	Model Rocketry	Basic principle of rocket, prepare sketch, built paper rocket, testing rocket and analyses.	Nobel Dome	Dr. Ghanshyam Mehta Surendranagar	Std. 6 to 10	25 25
9	6, 13, 20, 27 May 2023	11.00 to 13.00 hrs 14.00 to 16.00 hrs	Telescope Making	Basic principles of telescope, different parts & functions, assembling.	Nobel Dome	Mr. Advait Raval, Amateur Astronomer Ahmedabad	Std. 6 to 10	25 25
10	6, 13, 20, 27 May 2023	11.00 to 13.00 hrs 14.00 to 16.00 hrs	Maths through Origami	Fun with math, geometry, trigonometry.	Nobel Dome	Mr. Viral Mistry Asst. Teacher Anand	Std. 6 to 10	25 25
11	2, 3, 4, 5, 6, 9, 10, 11, 12, 13, 16, 17, 18, 19, 20, 23, 24, 25, 26, 27 May 2023	11.00 to 16.00 hrs	Robotics Workshop	Introduction to breadboard and all electronics components, Arduino, programming & demo.	Robotics Gallery	Mr. Amal Jose Engineering Service International	Std. 6 to 10	25
12	9, 10, 11, 12, 13, 16, 17, 18, 19, 20, 23, 24, 25, 26, 27 May 2023	11.00 to 13.00 hrs 14.00 to 16.00 hrs	Life Around Us	Learn about various life forms of our planet including beautiful underwater Aquatic life.	Aquatic Gallery		Std. 6 to 10	25 25
13	9, 10, 11, 12, 13, 16, 17, 18, 19, 20, 23, 24, 25, 26, 27 May 2023	11.00 to 16.00 hrs	Drone and Aerodynamics	Learn basics of Unmanned Aerial Vehicles (Drones), law of aerodynamics, design, install and testing of drone.	Audi-I	Mr. Ravi Singh Makerinme Technology Ahmedabad	Std. 8 to 11	25
14	2, 3, 4, 5, 6, 9, 10, 11, 12, 13, 16, 17, 18, 19, 20, 23, 24, 25, 26, 27 May 2023	11.00 to 13.00 hrs 14.00 to 16.00 hrs	Internet of Things (IoT) Technology on Home Automation	Introduction to IoT Introduction to Arduino, Demo on different Home automation projects.	Hall of Science	Mrs. Kerolin Shah, Professor Govt. Polytechnic	Std. 8 to 11	25 25
15	2, 3, 4, 5, 6, 9, 10, 11, 12, 13, 16, 17, 18, 19, 20, 23, 24, 25, 26, 27 May 2023	11.00 to 13.00 hrs 14.00 to 16.00 hrs	Plant Tissue Culture	Different stages of Plant Tissue culture techniques viz. Media preparation, Inoculation of explant, observation of results will be demonstrated.	LSP	Dr. Dhruv Pandya Asst. Professor	Std. 6 to 10	25 25

● Night Sky Observation : 7.00 to 8.00 hrs : Amphitheatre : Open to All

**Instructions:**

1. The registration shall be on GCSC website only and on first come first served basis till the slot availability.
2. Participant can access in any workshop after registration and purchase of entry ticket Rs.50/person/day.
3. Participants are required to carry receipt of online registration during the entry.
4. The programme activities and schedule are subject to change without any prior notice.
5. Workshops shall be conducted on Tuesday to Saturday only.
6. Participants are required to carry necessary materials such as laptop (if required), water bottle, writing pad, pen, pencil, colours, calculators etc. during the seminar.
7. Certificate will be awarded to the participants after successfully completion of workshop.
8. Participants can visit all the pavilions except Aquatic Gallery, Robotics Gallery and all rides of Science City.