

SHARDA MANDIR SMART SCIENCE CENTRE

SHARADA MANDIR, NEW SHARADA MANDIR ROAD
NEXT TO SHREYAS METRO, AHMEDABAD - 380007. INDIA.



SUMMER PROGRAMS 2024

SUPPORTED BY



VIKRAM A SARABHAI
COMMUNITY SCIENCE CENTRE

PROGRAM 1

FUN WITH MATHEMATICS STANDARD – 5 TO 7 6 HOURS MATHS



- WORKING WITH THE FRACTION STRIP
- UNDERSTANDING LINES OF SYMMETRY
- CREATING SUN DIAL
- FUN WITH THE MAGIC BOX

PROGRAM 2

EXPLORING ADVANCE MATHEMATICS STANDARD – 7 TO 9 6 HOURS MATHS



- LEARNING 3D SHAPES WITH MODELLING
- LEARNING SOLUTIONS OF $(A + B + C)^2$ USING MODEL
- SOLVING $(A^2 - B^2) = (A - B)(A + B)$ USING MODEL
- CALCULATING AREA OF TRIANGLE BY CREATING MODEL

PROGRAM 3

MATHEMAGIC STANDARD – 7 TO 9 6 HOURS MATHS



- LEARNING SOLUTIONS OF $A^3 + B^3$ USING MODEL
- SOLVING $(A + B)^2 + (A - B)^2$ USING MODEL
- CALCULATING AREA OF CONE USING MODELLING
- CALCULATING AREA OF TRAPEZOID USING MODELLING

PROGRAM 4

MY OWN TELESCOPE

STANDARD – 6 TO 9
6 HOURS
SCIENCE / ASTRONOMY

- CREATING BOX TELESCOPE
 - LEARNING ABOUT PHASES OF MOON USING MODEL
 - WORKING OF OUR EYE AND HUMAN EYE MODEL
 - KNOWING CIRCUMPOLAR CONSTELLATION
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PROGRAM 5

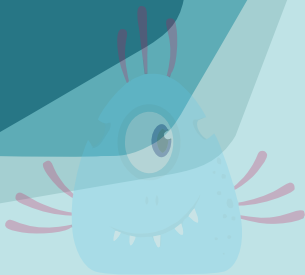
MODEL ROCKETRY STANDARD – 6 TO 9 6 HOURS PHYSICS / ASTRONOMY



- MODELLING A ROCKET
- WORKING MODEL OF COMMUNICATION SATELLITE
- CREATING BOX TELESCOPE
- DEVELOPING PINHOLE CAMERA

PROGRAM 6

BIOFUN STANDARD – 5 TO 7 6 HOURS BIOLOGY



- LEARNING HUMAN CIRCULATORY SYSTEM
- PLAYING A GAME OF CIRCULATORY SYSTEM
- PREPARING A LEAF CUBE MODEL
- CREATING A FOOD PYRAMID

PROGRAM 7

EXPLORING MICROWORLD STANDARD – 7 TO 9 6 HOURS BIOLOGY



- UNDERSTANDING MICROSCOPE AND ITS PARTS
- LEARNING SLIDE SETTING UNDER THE MICROSCOPE
- PREPARING AND OBSERVING MOUNTS UNDER THE MICROSCOPE
- PREPARING/OBSERVING PERMEANT SLIDES.

FEEES

FOR EACH PROGRAM

RS. 1000/-

FOR SHARDA MANDIR
STUDENTS

RS. 1200/-

FOR STUDENTS OF
OTHER SCHOOLS

GST EXTRA AS APPLICABLE

FOR MORE INFORMATION

<https://www.sharadamandir.com/smart/>

OR



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