NATIONAL SPACE CLUB

WINTER SPACE CAMP 2026

Organised by India Space Academy, New Delhi

CATEGORY A: CLASS 3-5
SPACE EXPLORERS

CATEGORY B: Class 6-8
YOUNG SPACE SCIENTISTS

Category C: Class 9-12
Space Engineers

Explore Space.
Discover Science.
Imagine Beyond.

6 Live Sessions I 60 Minutes Each I Online Learning



National Space Club (NSC) I Organised by India Space Academy, New Delhi

WINTER SPACE CAMP 2026

ABOUT NATIONAL SPACE CLUB

The National Space Club is an online initiative of India Space Academy aimed at promoting space science education among students. It provides a platform for young learners to explore astronomy, space technology, and innovation through structured programs, hands-on activities, expert sessions, and project-based learning in areas like rocketry, satellites, and astronomy. The club nurtures curiosity, teamwork, and leadership, preparing students for careers in space and STEM fields. The club focuses on developing scientific thinking, creativity, and future-ready skills.

OUR VISION

To create a dynamic ecosystem of space enthusiasts across the nation, making space exploration accessible to all, and inspiring a new generation of scientists, innovators, and visionaries to shape the future of space.

OUR MISSION

To connect space enthusiasts from every corner of India and provide opportunities to learn, explore, and collaborate to make India a global power in space industry under the guidance of the India Space Academy.





WINTER SPACE CAMP 2026

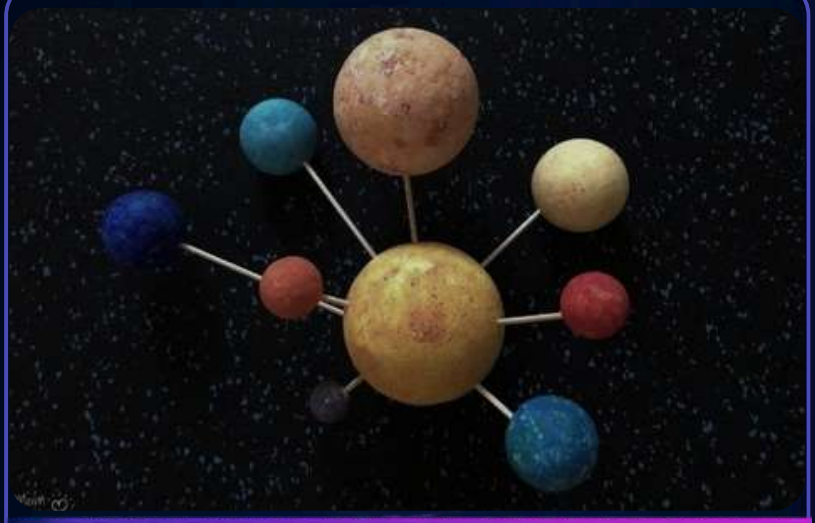
WELCOME TO A JOURNEY THROUGH THE UNIVERSE

Make this winter break an exciting journey through the wonders of our universe!

Discover the Sun, explore all eight planets of our Solar System, and travel beyond our cosmic neighbourhood to discover fascinating worlds orbiting distant stars.

Through colourful visuals, interactive discussions, storytelling and creative activities, young learners will experience the excitement of astronomy.





6 Live Sessions | 60 Minutes Each | Online Learning

Date: 23rd - 28th December 2026

Duration: 6 Sessions | 60 to 90 Minutes per Session

Platform & Mode: Zoom Live Online Sessions

Language: English

All Registered Participants Will Receive Certificates

Session recordings and downloadable activity PDFs available through LMS.

NATIONAL SPACE CLUB (NSC) | India Space Academy, New Delhi

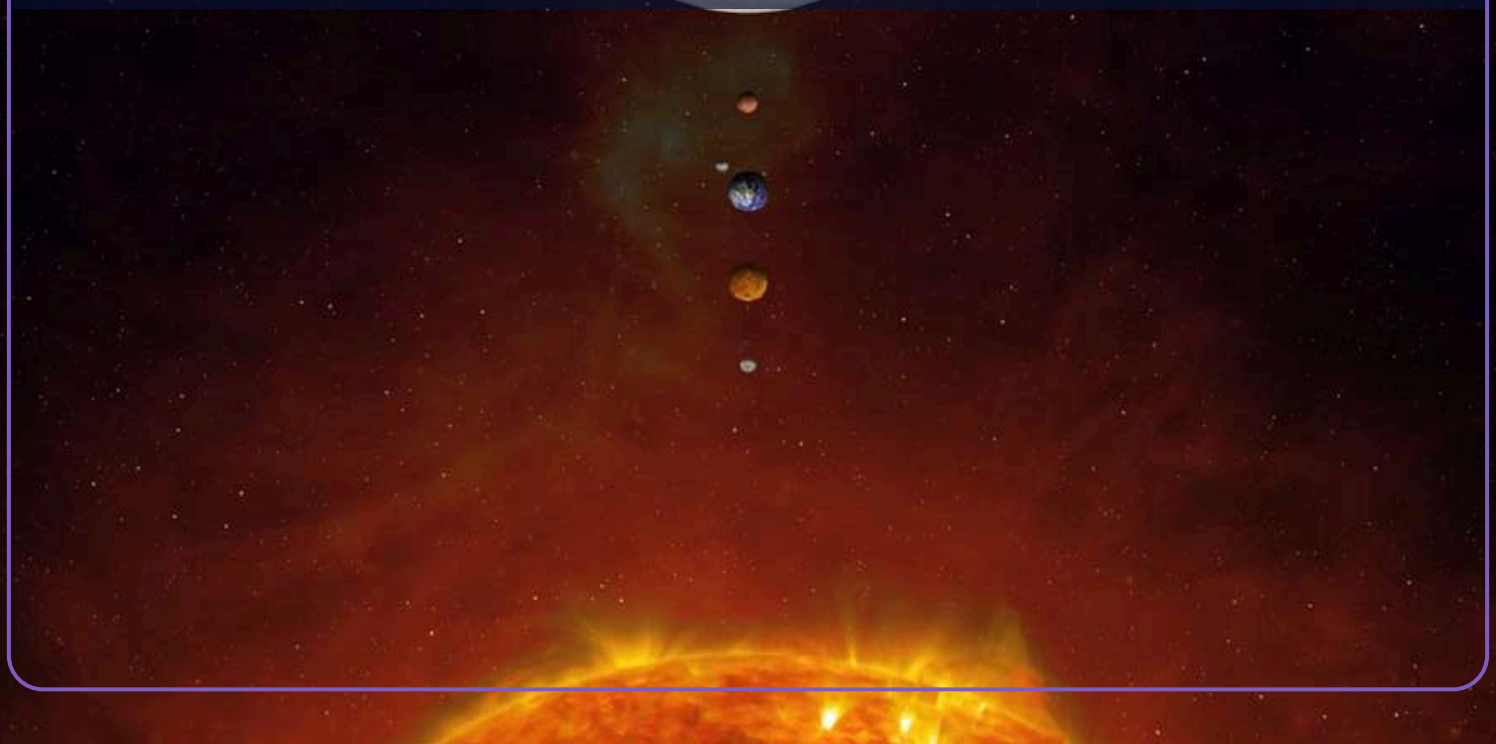
WINTER SPACE CAMP 2026

Category A

Space Explorers

Class 3–5

Journey Through the Solar System



WINTER SPACE CAMP 2026

SPACE EXPLORERS

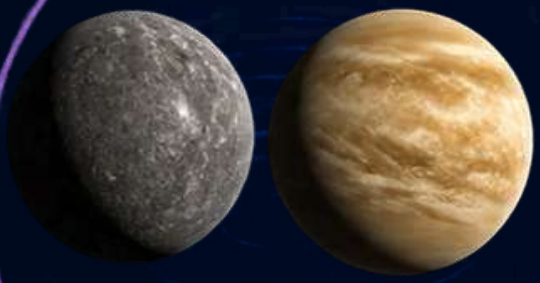
CLASS 3-5

Journey Through the Solar System



01 Our Cosmic Neighbourhood: The Sun and Solar System

Discover our Solar System, meet the Sun, understand why it is important for life on Earth, and explore how the eight planets travel around it.



02 The Rocky Worlds: Mercury and Venus

Discover Mercury's extreme temperatures, Venus's thick atmosphere, and why Venus is hotter than Mercury.



03 Our Home and the Red Planet: Earth and Mars

Explore Earth's special features, atmosphere and water, then Mars's red surface, giant volcanoes and possibility of ancient water.

WINTER SPACE CAMP 2026

JOURNEY THROUGH THE SOLAR SYSTEM



04 The Giant Worlds: Jupiter and Saturn

Discover Jupiter's enormous storms and fascinating moons, then Saturn's spectacular rings.



05 The Ice Giants: Uranus and Neptune

Discover Uranus's unusual tilt, Neptune's powerful winds and chilly worlds beyond Saturn.



06 Exoplanets: Worlds Beyond Our Solar System

Discover exoplanets orbiting distant stars, how scientists find these faraway worlds and imagine what one might look like.

6 LIVE SESSIONS. ONE UNIVERSE OF DISCOVERY.

NATIONAL SPACE CLUB (NSC) | India Space Academy, New Delhi

WINTER SPACE CAMP 2026

Category B

Young Space Scientists

Class 6–8

Stellar Exploration

WINTER SPACE CAMP 2026

YOUNG SPACE SCIENTISTS

CLASS 6-8

STELLER EXPLORATION



01

The Mysterious Star: Exploring the Universe

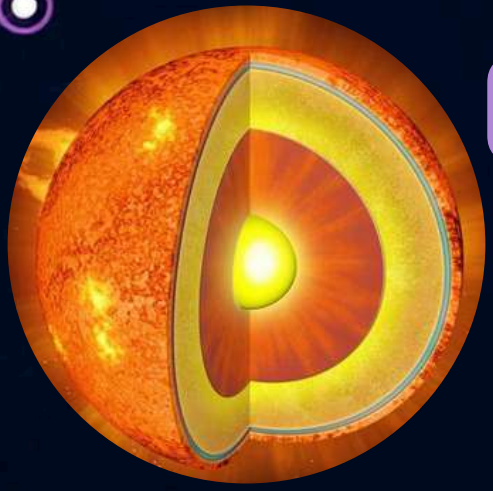
Understanding Stars and Our Place in the Milky Way



02

The Birth of a Star: Understanding Star Formation

Exploring the Origins and Birth of Stars



03

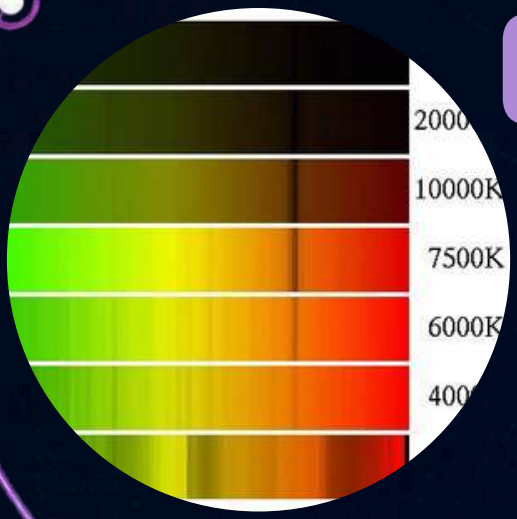
Inside the Star: Understanding Its Nature and Evolution

Discovering the Structure, Energy and Life Cycle of Stars

WINTER SPACE CAMP 2026

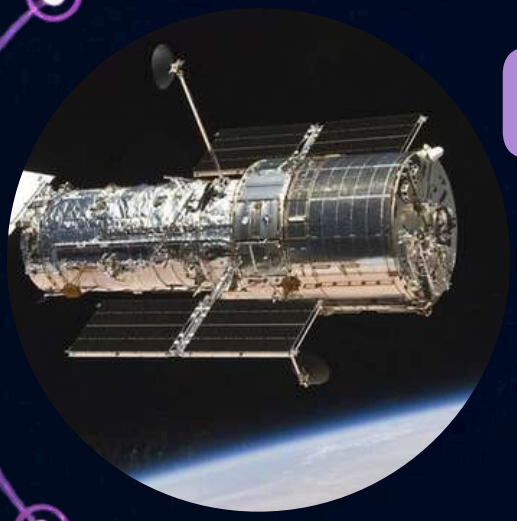
CLASS 6-8

STELLER EXPLORATION



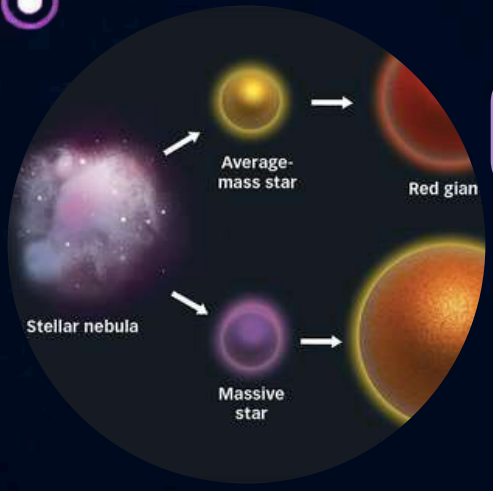
04 Decoding Starlight: The Science of Light

Exploring Stellar Colours, Temperature and Composition



05 Eyes on the Universe: Exploring Telescopes

Understanding Astronomical Observation and Space Telescopes



06 The Final Discovery: Predicting the Future of a Star

Exploring Stellar Evolution and the Fate of Stars

WINTER SPACE CAMP 2026

Category C

Space Engineers

Class 9–12

From Cosmic Discovery To Space Technology



WINTER SPACE CAMP 2026

SESSION-
SPACE ENGINEERING

CLASS 9-12

From Cosmic Discovery To Space Technology



01 Mission Briefing: Exploring Our Solar System

Planets, Moons and the Wonders of Our Cosmic Neighbourhood



02 Seeing the Invisible: How We Observe Space

Telescopes, Light and the Tools of Astronomy



03 The Journey to Space: Rockets and Launch Systems

Understanding Rocket Science and Space Launches

WINTER SPACE CAMP 2026

FROM COSMIC DISCOVERY TO SPACE TECHNOLOGY

CLASS 9-12



04

Studying Earth and Space: Satellites and Remote Sensing

How Satellites Observe, Map and Monitor Our Planet



05

Robots Beyond Earth: Designing a Planetary Rover

Robotic Exploration, Sensors and Rover Engineering



06

Mission Control Challenge: Plan, Investigate and Present

Designing a Space Mission and Presenting Your Discovery

WINTER SPACE CAMP 2026

IMPORTANT DATES

Particulars	Details
Registration Start Date	14 Nov 2026
Registration End Date	20 Dec 2026
Camp Start Date	23 Dec 2026
Camp End Date	28 Dec 2026

REGISTRATION LINK:
https://nsc.res.club/winter_camp_2026/

FEES STRUCTURE

Class Group	Fee
Classes 3 to 5	₹450
Classes 6 to 8	₹550
Classes 9 to 12 and above	₹650

Note: ₹100 off for NSC members.

WINTER SPACE CAMP 2026



PROGRAMME HIGHLIGHTS

- Six live online sessions for Classes 3–5
- 60 minutes each
- Age–appropriate astronomy with simple explanations and fascinating visuals
- The Sun and all eight planets
- Introduction to exoplanets
- Interactive discussions and creative challenges
- Downloadable activity PDFs
- LMS recordings for revision
- Certificate subject to participation requirements
- Learn from anywhere

OBJECTIVES

- Introduce students to the Sun, Solar System and planets
- Develop curiosity about astronomical objects and phenomena
- Explain basic astronomy through storytelling and visualisation
- Encourage imagination through planet–designing and creative space challenges
- Build observation, logical reasoning and problem–solving
- Introduce exoplanets and the search for worlds beyond our Solar System
- Encourage questions, sharing ideas and communication
- Inspire interest in astronomy, space exploration and STEM.



WINTER SPACE CAMP 2026

CONTACT US

"The Future of Space Starts With You"

Join • Learn • Innovate 🚀

National Space Club

Email: info@nsc.res.club, Info_nsc@isa.ac.in
Website: www.nsc.res.club, www.nsc.isa.ac.in

India Space Academy (Head Office)

Email: contact@isa.ac.in
Phone no: 011-44749707
Mobile no: +91 8130317917
Website: www.isa.ac.in

