

CLASS-WISE ORANGE PLANETARIUM SHOWS DETAIL (K12)

(Average duration 30 minutes)



ROLLA MANO 'N' STARS (Nursery)

The show covers mythological stories from ancient sky cultures of Australia - "how stars were formed from the sparks of Rolla Mano's burning torch?"; and India - "how Swan the faithful dog of Yudhishtira became the brightest star of the night sky?", we call that star Sirius now.



SKY STORIES (LKG)

The show covers mythological stories from ancient sky cultures of India and America (Native American/ Red Indians) - "how the Moon got married to his 27 starry wives (Nakshatra) that fall in its monthly path in the night sky"; How Bird robin chased the big bear constellation in the night sky as it changed its position season after season.



TRISHANKU, the Nearest Star (UKG)

The show covers mythological stories from ancient sky cultures of India and Thailand. It is about - "how Trishanku the insatiable king became the nearest star?"; "how 7 Krittika sisters who were the dutiful wives of 7 sages (saprishi) became a group of bright stars (Pleiades) in the night sky"; "how the little cute chicks from Thailand became 7 bright stars one by one of the Ursa Major constellation".



PUPPY ON THE MOON (GRADE 01)

It is a cartoon story of an adventurous and inquisitive baby dog called "Puppy", who by virtue of his astronaut friend "Arundhiti" gets a chance to hitch hike a ride to the Moon. Puppy becomes the first dog to be on the Moon and as an astronaut dog explores the barren Moonland. The shows is about directions up and down.



CHANDAMAMA (GRADE 02)

The Moon sometimes becomes fatter and fatter day by day. Sometimes the Moon goes on dieting and becomes thinner and thinner day by day. The picture or the shape of the Moon changes bit by bit and day by day in our sky. This is called the phases of the Moon. Each shape of the Moon also has a name. The show covers shapes of the Moon and related festivals (lunar calendar).



PRINCESS ANDROMEDA (GRADE 03)

The show covers the famous Greek story of Princess Andromeda and its various characters like the princess herself, King Cepheus, Queen Cassiopeia, Monster Cetus, hero Perseus and Flying Horse Pegasus as stick figures and illustrations in the sky.



DHURVA TARA (GRADE 04)

The show covers the story of Pole Star as in Hindu Sky Mythology and how to find it in the sky from different locations and in different seasons with the help of stick figures Big Dipper (Sapt Rishi) and Celestial W formed by joining stars.



JOURNEY TO WONDERLANDS (GRADE 05)

The show takes twin sisters on fascinating journeys to various places in our solar system. The show is about distances, sizes and types of objects in our solar system. The show also traces the journeys of various earlier space missions.



GALILEO'S SKY (GRADE 06)

The show covers the classical sky (naked eye) that is the sky observed and understood by various ancient civilizations, the Modern sky (through telescopes) and various phenomena like Eclipses, Conjunction, Opposition and Modern Constellations. The show is about the history of science.



HARBINGERS OF DOOM (GRADE 07)

The show covers the fascinating and eventful journey of a comet around the Sun starting from Oort cloud like a moth to flame and the contribution of comets in shaping Earth's history. The show gives us an insight about the comets through various space missions like ESA - Rosetta and NASA - Tempel 1.



DEEP SKY (GRADE 08)

It is about the large structure of the Universe comprising of Galaxies, Star Clusters and Nebula and their positions in various constellations. The show takes us on a fascinating journey of the Universe that is full of billions of galaxies of different shapes and sizes. It has breath taking images of colliding galaxies as captured by Hubble Space Telescope or HST.



CELESTIAL GYMNASTICS (GRADE 09)

The show covers the celestial objects in our sky from different locations like the Poles, Equator and 27 degree latitude. It covers the celestial merry go round of stars due to rotation of the Earth on its axis (diurnal motion).



WE ARE BUT STAR DUST (GRADE 10)

The show covers the life story of stars (HR Diagram) including our Sun from a protostar in a nebula to their violent deaths like a Supernova and their remnants like a Black Hole. Stars' are like factories that produce elements in the Universe, elements that are there on the Earth and even inside us. We are nothing but star dust.



MESSIER MARATHON (GRADE 11)

Charles Messier made a catalogue of 110 celestial objects which are Galaxies, Nebulae and Star Clusters. Many hobbyist astronomers the world over follow Messier's footsteps and observe these Objects in one glorious dusk to dawn observing run called the Messier Marathon. The show covers the Marathon.



LIFE BEYOND CRADLE (GRADE 12)

The show covers evolution and DNA and its possibilities (Extra Terrestrial - ET) beyond our home planet in the Universe on the basis of Drake's equation and its search on the basis of SETI (Search for Extra Terrestrial Intelligence) project. The show also debunks UFOs.