



UA SCIENCE

FLANDRAU

Science Center & Planetarium

Planetarium Show Descriptions

No Place Like Space - In this newly revised, bestselling children's book, budding astronomers are launched on a wild trip to visit the now eight planets in our solar system (per the International Astronomical Union's 2006 decision to downgrade Pluto from a planet to a dwarf planet), along with the Cat in the Hat, Thing One, Thing Two, Dick, and Sally. It's a reading adventure that's out of this world!

Type of Show: Live FullDome story

Recommended for: Pre-K-Kinder

Perfect Little Planet - Imagine the ultimate space vacation. Discover our solar system through a different set of eyes – a family from another star system seeking the perfect vacation spot. Fly over the surface of Pluto, our best known Dwarf Planet. Dive over the ice cliffs of Miranda. Sail through the rings of Saturn. Feel the lightning storms at Jupiter. And walk on the surface of Mars. Which destination would you choose? This is the solar system journey for space travelers of all ages.

Type of Show: FullDome film followed by a live star talk

Recommended for: PreK-3rd

Legends of the Night Sky - Take a lighthearted and imaginative look at the myths and stories associated with the constellation Orion or the constellations of Perseus and Andromeda.

Type of Show: Laser animation followed by a live star talk

Recommended for: Pre-K and up

Dynamic Earth - The award-winning Dynamic Earth explores the inner workings of Earth's climate system. Audiences will ride along on swirling ocean and wind currents, dive into the heart of a monster hurricane, come face-to-face with sharks and gigantic whales, and fly into roiling volcanoes. Narrated by Liam Neeson.

Type of Show: FullDome film followed by a live star talk (Film portion of show is also available in Spanish; the star talk would still be in English. We need to know a few days before your visit if you would like the Spanish version)

Recommended for: 3rd grade and up



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From Earth to the Universe - The night sky, both beautiful and mysterious, has been the subject of campfire stories, ancient myths and awe for as long as there have been people. A desire to comprehend the Universe may well be humanity's oldest shared intellectual experience. Yet only recently have we truly begun to grasp our place in the vast cosmos. To learn about this journey of celestial discovery, from the theories of the ancient Greek astronomers to today's grandest telescopes, we invite you to experience *From Earth to the Universe*.

Type of Show: FullDome film followed by a live star talk

Recommended for: 3rd grade and up

****NEW**Great White Shark (Starting Feb. 22nd , 2019)** – This stunning production explores the great white's place in our imaginations, in our fears, and in its role at the top of the oceanic food chain. Shot on location in South Africa, New Zealand, Mexico and California, the film aims to reveal the strength and beauty of these animals by looking through the eyes of scientists, shark experts and free divers. Great White Shark will leave you thrilled, and wiser, as you learn about the creatures we love to fear.

Type of Show: FullDome film followed by a live shark talk

Recommended for: 3rd grade and up

Mysteries of the Unseen World - Visually stunning and rooted in cutting-edge research, Mysteries of the Unseen World will leave audiences in complete thrall as they begin to understand the enormity of the world they can't see, a world that exists in the air they breathe, on their own bodies, and in all of the events that occur around them minute-by-minute, and nanosecond-by-nanosecond. And with this understanding comes a new appreciation of the wonder and possibilities of science.

Type of Show: FullDome film followed by a live star talk

Recommended for: 3rd grade and up

Sunstruck - Discover the wonders of our sun. Its incredible energy has supported life on earth for millennia, but is now threatening our technology and way of life. Travel to the distant future to discover our sun's connection to the universe's cosmic cycle of life and death.

Type of Show: FullDome film followed by a live star talk

Recommended for: 3rd grade and up



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We Are Stars - We follow a group of Victorian time travelers as they learn about the origins of atoms. We witness the formation of the first hydrogen atoms after the Big Bang and then watch how those hydrogen atoms gather into galaxies and stars. We learn how the stars forged all the atoms needed to make life. We see the creation of planet Earth and follow the atoms and molecules through evolution, back to where the time travelers started their journey.

Type of Show: FullDome film followed by a live star talk

Recommended for: 3rd grade and up

BUGS! A Rainforest Adventure - Get a view of the fascinating universe of insects magnified up to 250,000 times their normal size in BUGS! A Rainforest Adventure. Become immersed in a miniature world, where a leaf weighs as much as a car and a single raindrop can quench the largest thirst. Highlighting the extraordinary world of insects, BUGS! A Rainforest Adventure focuses on the life cycles of a praying mantis and a butterfly from their birth to their inevitable encounter in the tropical rainforests of Southeast Asia, where predator meets prey.

Type of Show: FullDome nature film

Recommended for: 3rd grade and up

Back to the Moon for Good - Immerse yourself in a race to return to the Moon forty years after the historic Apollo landings. See how a competition among privately funded international teams is ushering in a new era of lunar exploration. Learn about the Moon's resources and discover what humanity's future on the Moon might hold. Narrated by Tim Allen, *Back To The Moon For Good* presents the Google Lunar XPRIZE, and the personal stories of competition and collaboration it inspires.

Type of Show: FullDome film followed by a live star talk

Recommended for: 4th grade and up

Exploring New Horizons – This show tells the full story of the New Horizons mission and Pluto. From the discovery of Pluto in 1930, to the science of the icy objects that form the Kuiper Belt, to the launch of the New Horizons mission in 2006, this new show is the perfect introduction to the discoveries that will unfold once New Horizons reaches Pluto.

Type of Show: FullDome film followed by a live star talk

Recommended for: 4th grade and up

Updated 8-23-21



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Tucson Sky and Beyond - This is our "classic" night sky show, but not like you remember it! Take a relaxing look at the night sky as one of our skilled "Console Captains" gives you a guided tour of the stars, planets, constellations and current events happening in the night sky. This live show is never the same and there is always a surprise in store

Type of Show: Live FullDome Presentation

Recommended for: 5th grade and up, show can be tailored to your grade level



Touring the Solar System - Zoom away from planet Earth and take a guided tour through the Solar System! In this show we stop by each of the planets and learn why they are unique. We'll even explore moons, asteroids, the Milky Way and beyond. Hold on, this is one fun ride.

Type of Show: Live FullDome Presentation

Recommended for: 5th grade and up, show can be tailored to your grade level

Black Holes: The Other Side of Infinity

This cutting-edge production features high-resolution visualizations of cosmic phenomena, working with data generated by computer simulations, to bring the current science of black holes to the dome screen. Audiences will be dazzled with striking, immersive animations of the formation of the early universe, star birth and death, the collision of giant galaxies, and a simulated flight to a super-massive black hole lurking at the center of our own Milky Way Galaxy. The program is accompanied by an extensive Educator's Guide. Narrated by Liam Neeson.

Type of Show: FullDome Show followed by a live star talk or black holes talk

Recommended for: 6th grade and up

Desert Moon - Documentary of University of Arizona's contribution to the Apollo missions, the space race and mapping of the moon. Narrated by Mark Kelly

Type of Show: Front screen film followed by a live star/moon talk

Recommended for: 6th grade and up

Fractal Explorations -This show examines what fractals are, how they are made (algebraically and geometrically), and where they are found in nature. Filled with engaging graphics, is a feast for the eyes, as well as an exercise for the mind.

Type of Show: FullDome Show followed by a live star talk

Recommended for: 6th grade and up



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IBEX - Join scientists who are investigating the boundary between our Solar System and the rest of our galaxy in *IBEX: Search for the Edge of the Solar System*. Designed for visitors with an appreciation for the challenges of space science and a desire to learn more about science research, the show follows the creation of NASA's Interstellar Boundary Explorer (IBEX). Audiences will get an in-depth look at the mission and how IBEX is collecting high-speed atoms to create a map of our Solar System's boundary. Narrated by two inquisitive teenagers, audiences will hear from the scientists and engineers that developed the IBEX mission and created the spacecraft, and get the latest updates on the mission's discoveries.

Type of Show: FullDome film followed by a live star talk

Recommended for: 6th grade and up

Undiscovered Worlds: The Search Beyond Our Sun

This show explores a timeless question: Do other planets like Earth exist? Through the discovery of exoplanets, the hundreds of planets that have been found orbiting stars beyond the Sun, we have learned that our solar system is not alone in the universe and have had to redefine our understanding of planets and solar systems. With rapidly improving technology and endeavors like the Kepler Telescope, the discovery of exoplanets represents one step closer to the possibility of finding an Earth-like world. How will this change how we view our place in the universe?

Type of Show: FullDome film followed by a live star talk

Recommended for: 6th grade and up

Phantom of the Universe: Phantom of the Universe showcases the exciting exploration of dark matter, from the Big Bang to its anticipated discovery at the Large Hadron Collider. The show reveals the first hints of its existence through the eyes of Fritz Zwicky, the scientist who coined the term "dark matter." It describes the astral choreography witnessed by Vera Rubin in the Andromeda galaxy and then plunges deep underground to see the most sensitive dark matter detector on Earth, housed in a former gold mine. From there, it journeys across space and time to the Large Hadron Collider at CERN, speeding alongside particles before they collide in visually stunning explosions of light and sound, while learning how scientists around the world are collaborating to track down the constituents of dark matter.

Type of Show: FullDome film followed by a live star talk or dark matter talk

Recommended for: 9th grade and up



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Season of Light - An updated “fulldome” version of a holiday classic, this show traces the history and development of many of the world's most endearing holiday customs, all of which involve lighting up the winter season — from the burning Yule log to the lighting of luminarias in the American Southwest. Audiences will learn a selection of Northern hemisphere winter constellations, and find out why we have the seasons. Season of Light is visually rich, culturally inclusive, musically satisfying, and soothing as a warm drink on a cold winter's night!

Type of Show: FullDome film followed by a live star talk

Recommended for: Pre-K and up



GENERAL ENTERTAINMENT SHOWS

LASEROPOLIS

PINK FLOYD'S THE DARK SIDE OF THE MOON

LASER MAGIC

LASER X

LASER HOLIDAYS

LASER BEATLES

PINK FLOYD'S THE WALL

LASERRETRO

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HYPNOTICA

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FRIGHT LIGHT

LASER U2

LASER VINYL

LASER SPIRIT

LASER POP

iPOP

ELECTROLAZE

LASER STRANGER THINGS

LASER QUEEN

LASER U2

Soundtrack

Song:

1. Where the Streets Have No Name
2. I Will Follow
3. Beautiful Day
4. Sunday, Bloody Sunday
5. October
6. The Fly
7. Mysterious Ways
8. Pride
9. Zoo Station
10. With Or Without You
11. Desire
12. New Year's Day

Total Running Time (approx): 45:00 minutes

FRIGHT LIGHT

Long Version

Soundtrack

<u>Song:</u>	<u>Artist:</u>
1) Thriller	Michael Jackson
2) Godzilla	Blue Oyster Cult
3) Monster Medley	
Monster Mash	Boris Pickett
Purple People Eater	Warren Zevon
Boris the Spider	the Who
4) Enter Sandman	Metallica
5) Men In Black	Will Smith
6) Attack of the Radioactive Hamsters	Weird Al Yankovic
7) Firestarter	Prodigy
8) Dead Man's Party	Oingo Boingo
9) Iron Man	Black Sabbath
10) Another Brick in the Wall	Pink Floyd
11) Push It	Garbage
12) Frankenstein	Edgar Winters Group
13) Devil Went Down to Georgia	Charlie Daniels Band
14) Feed My Frankenstein	Alice Cooper

Total Running Time (approx): 45:00 minutes

LASERMANIA

Long version

Soundtrack

<u>Song:</u>	<u>Artist:</u>
1) Mortal Kombat Theme	the Immortals
2) Blue	Eiffel 65
3) Smooth	Santana
4) Men In Black	Will Smith
5) Man, I Feel Like A Woman	Shania Twain
6) That's the Way It Is	Celine Dion
7) Time Warp Medley	various
Blue Suede Shoes	
Yakity Yak	
Satisfaction	
Stop, in the Name of Love	
Whole Lotta Love	
Stayin Alive	
What I Like About You	
Lets Go Crazy	
8) Desert Rose	Sting
9) Attack of the Radioactive Hamsters	
From a Planet Near Mars	Weird Al Yankovic
10) Mixed Bizness	Beck
11) Under the Milkyway	The Church
12) Livin' La Vida Loca	Ricky Martin
13) All the Small Things	Blink 182

Total Running Time (approx): 45:00 minutes

LASER HOLIDAYS

Soundtrack

<u>Song:</u>	<u>Artist:</u>
1) Sleigh Ride	Leroy Anderson
2) Dance of the Sugar Plum Fairy	Tchaikovsky
3) Rudolph, the Red-Nosed Reindeer	Burl Ives
4) Winter Wonderland	Eurythmics
5) Deck the Halls	Philharmonic Orchestra
6) Jingle Bell Rock	Randy Travis
7) White Christmas	Bing Crosby
8) Christmastime	Smashing Pumpkins
9) Oiche Chiun (Silent Night)	Enya
10) Rockin' Around the Christmas Tree	Ronnie Spector/Darlene Love
11) Frosty the Snowman	Cocteau Twins
12) Carol of the Bells	David Foster
13) The Christmas Song	Nat King Cole
14) All I Want For Christmas Is You	Mariah Carey
15) We Wish You A Merry Christmas	James Galway

Total Running Time (approx): 45:00 minutes

LASER X

The Alternative eXperience

Soundtrack

Song:

- 1) Lost
- 2) Bulls On Parade
- 3) Zero
- 4) Park Avenue
- 5) Monkey Wrench
- 6) Would
- 7) Push It
- 8) Sunshower
- 9) Guilty
- 10) Shame
- 11) Block Rockin' Beats
- 12) Du Hast
- 13) More Human Than Human

Artist:

Stabbing Westward
Rage Against the Machine
Smashing Pumpkins
Girl Against Boys
Foo Fighters
Alice In Chains
Garbage
Chris Cornell
Gravity Kills
Stabbing Westward
the Chemical Brothers
Rammstein
White Zombie

Total Running Time (approx): 45:00 minutes

LASER MAGIC

Soundtrack

<u>Song:</u>		<u>Artist:</u>
1) Santorini		Yanni
2) Godzilla		Blue Oyster Cult
3) Love Gets Me Every Time		Shania Twain
4) Men In Black		Will Smith
5) My Heart Will Go On		Celine Dion
6) Storms In Africa		Enya
7) Money		Pink Floyd
8) Semi-Charmed Life		Third Eye Blind
9) Time Warp		cast of Rocky Horror Picture Show
10) Diana (Candle In The Wind '97)		Elton John
11) Don't Speak		No Doubt
12) The Hunter		Björk
13) I Love Rock & Roll		Joan Jett
14) Rock Lobster		the B-52's
15) Tub Thumping		Chumbawamba

Total Running Time (approx): 45:00 minutes

LASERETRO

Soundtrack

Song:

Artist:

- | | |
|--------------------------------------|---------------------------|
| 1) Lunatic Fringe | Red Rider |
| 2) Everybody Wants To Rule the World | Tears for Fears |
| 3) Message In A Bottle | the Police |
| 4) Blue Monday | New Order |
| 5) Rio | Duran Duran |
| 6) Life In A Northern Town | the Dream Academy |
| 7) Never Let Me Down Again | Depeche Mode |
| 8) Sweet Dreams (Are Made of This) | Eurythmics |
| 9) Just Like Heaven | the Cure |
| 10) She Blinded Me With Science | Thomas Dolby |
| 11) Birds Fly (Whisper to a Scream) | Icicle Works |
| 12) New Sensation | INXS |
| 13) Relax | Frankie Goes To Hollywood |

Total Running Time (approx): 45:00 minutes

LASEROPOLIS

Soundtrack

<u>Song:</u>		<u>Artist:</u>
1) Karn Evil 9		Emerson, Lake & Palmer
2) Head Over Feet		Alanis Morissette
3) Rock Lobster		the B-52's
4) Firestarter		Prodigy
5) Under the Milkyway		the Church
6) Papua New Guinea		Future Sounds of London
7) Spiderwebs		No Doubt
8) Foreplay		Boston
9) Champagne Supernova		Oasis
10) End of the World (As We Know It)		REM
11) Torn		Creed
12) Smells Like Teen Spirit		Nirvana
13) One of These Days		Pink Floyd

Total Running Time (approx): 45:00 minutes

HYPNOTICA

Soundtrack

Song:

- 1) Trip Like I Do
- 2) Love Island
- 3) Insomnia
- 4) Narayan
- 5) Joga
- 6) Silence
- 7) Music:Reponse
- 8) Acid 8000
- 9) Comin' Back
- 10) Setting Sun

Artist:

the Crystal Method
Fat Boy Slim
Faithless
Prodigy
Björk
Delerium
the Chemical Brothers
Fat Boy Slim
the Crystal Method
the Chemical Brothers

Total Running Time (approx): 45:00 minutes

LASER ZEPPELIN

Soundtrack

Song:

- 1) Song Remains the Same
- 2) Over the Hills and Far Away
- 3) Good Times, Bad Times
- 4) Immigrant Song
- 5) No Quarter
- 6) Black Dog
- 7) Livin', Lovin' Maid
- 8) Kashmir
- 9) Stairway to Heaven
- 10) Whole Lotta Love
- 11) Rock -n- Roll

Total Running Time (approx): 45:00 minutes

PINK FLOYD'S **THE DARK SIDE OF THE MOON**

Soundtrack

Song:

- 1) Speak to Me
- 2) Breathe
- 3) On the Run
- 4) Time
- 5) The Great Gig in the Sky
- 6) Money
- 7) Us and Them
- 8) Any Colour You Like
- 9) Brain Damage
- 10) Eclipse

Total Running Time (approx): 45:00 minutes

PINK FLOYD'S **THE WALL**

Soundtrack

Song:

- 1) In the Flesh
- 2) The Thin Ice
- 3) Another Brick in the Wall (Part I)
- 4) The Happiest Days of Our Lives
- 5) Another Brick in the Wall (Part II)
- 6) Mother
- 7) Goodbye Blue Sky
- 8) Empty Spaces
- 9) Young Lust
- 10) Another Brick in the Wall (Part III)
- 11) Hey You
- 12) Comfortably Numb
- 13) Stop
- 14) The Trial
- 15) Run Like Hell

Total Running Time (approx): 45:00 minutes

LASER BEATLES

Soundtrack

Song:

- 1) Magical Mystery Tour
- 2) I Wanna Hold Your Hand
- 3) Twist & Shout
- 4) A Hard Day's Night
- 5) Nowhere Man
- 6) Help!
- 7) Yesterday
- 8) Octopus' Garden
- 9) Revolution
- 10) Sgt. Pepper's Lonely Hearts Club Band/
A Day In The Life

Total Running Time (approx): 45:00 minutes

LASER METALLICA

Soundtrack

Song:

- 1) For Whom the Bell Tolls
- 2) Ain't My Bitch
- 3) Fuel
- 4) One
- 5) Nothing Else Matters
- 6) Master of Puppets
- 7) Unforgiven II
- 8) Sad But True
- 9) Enter Sandman

Total Running Time (approx): 45:00 minutes

LASER VINYL

A Classic Rock Experience

Soundtrack

Song:

Artist:

- | | |
|----------------------------|------------|
| 1. Back In Black | AC/DC |
| 2. Karn Evil 9 | ELP |
| 3. Jump | Van Halen |
| 4. Bohemian Rhapsody | Queen |
| 5. Carry On My Wayward Son | Kansas |
| 6. Rock-n-Roll All Night | Kiss |
| 7. Dream On | Aerosmith |
| 8. Rock-n-Roll Band | Boston |
| 9. Separate Ways | Journey |
| 10. One of These Days | Pink Floyd |

Total Running Time (approx): 45:00 minutes

LASER SPIRIT

Soundtrack

Song:

Artist:

- | | |
|--|-------------------------------|
| 1. Summon the Heroes | John Williams |
| 2. Beautiful Day | U2 |
| 3. Music | Madonna |
| 4. Beatles Medley | The Beatles |
| 5. Reach | Gloria Estefan |
| 6. Santorini | Yanni |
| 7. Birds Fly | Icicle Works |
| 8. Carry On Wayward Son | Kansas |
| 9. Patriotic Medley
(Fanfare For the Common Man,
America the Beautiful, God Bless the USA) | Aaron Copland & Lee Greenwood |

Total Running Time (approx): 45:00 minutes

LASER POP

Soundtrack

Song:

Artist:

1. Pop
2. Get This Party Started
3. Beatles Medley
4. I'm A Believer
5. Desert Rose
6. Beach Boys Medley
7. Cosmic Thing
8. Digital Get Down
9. Kryptonite

N'Sync
Pink
The Beatles
Smashmouth
Sting
The Beach Boys
The B52's
N'Sync
3 Doors Down

Total Running Time (approx): 30:00 minutes

iPOP

Soundtrack

Song:

1. Baby
2. All the Way Up
3. Naturally
4. Can't be Tamed
5. ABC
6. Telephone
7. The Grid
8. Halfway There
9. Freak the Freak Out
10. Masquerade
11. I Gotta Feelin'
12. Rocketeer
13. Firework

Artist:

Justin Bieber ft. Ludacris
Emily Osment
Selena Gomez
Miley Cyrus
Jackson 5
Lady Gaga ft. Beyonce
Daft Punk
Big Time Rush
Victorious
Ashley Tisdale
Black Eyed Peas
Far East Movement w/Ryan Tedder
Katy Perry

Total Running Time (approx): 41:00 minutes

ELECTROLAZE

Soundtrack

Song:

Artist:

1. Scary Monsters and Nice Sprites
2. Internet Friends
3. Choose Your Weapon
4. Man on the Run
5. Energy Wizard
6. Heartbreaker (Laidback Luke Remix)
7. Levels
8. Derezzed (Avicii Remix)
9. Chasing Summers
10. Slam

Skrillex
Knife Party
Deadmau5
Dash Berlin
Squarepusher
MSTRKRFT ft. John Legend
Avicii
Daft Punk
Tiësto
Pendulum

Total Running Time (approx): 40:00 minutes

LASER STRANGER THINGS

Soundtrack

Song:

Artist:

- | | |
|----------------------------------|--------------------|
| 1. Sunglasses at Night | Corey Hart |
| 2. Every Breath You take | The Police |
| 3. Girls on Film | Duran Duran |
| 4. Twist of Fate | Olivia newton John |
| 5. Runaway | Bon Jovi |
| 6. Talking in Your Sleep | The Romantics |
| 7. Whip it | Devo |
| 8. Time After Time | Cyndi Lauper The |
| 9. Hazy Shade of Winter | Bangles |
| 10. Should I star or Should I Go | The Clash |

Total Running Time (approx): 40:00 minutes

LASER QUEEN

Soundtrack

Song:

1. We will rock you
2. Bicycle race
3. Another one bites the dust
4. Best Friend
5. Flash
6. Crazy Little thing called love
7. Somboddy to love
8. I want it all
9. Stone cold crazy
10. Princes of the universe
11. Killer Queen
12. Bohemian rhapsody
13. We are the champions

Total Running Time (approx): 48:00 minutes