



Chabot Space & Science Center Calendar of Events
February 2012— May 2012

Hours

Wednesday and Thursday 10am-5pm
Friday and Saturday 10am-10pm. Sunday 10am-5pm
Closed Mondays and Tuesdays

Spring Break Hours

Monday, April 9 – Sunday, April 15th
Monday-Thursday 10am-5pm
Friday-Saturday 10am-10pm
Sunday 10am-5pm

Telescope Viewing

(weather permitting)

Friday & Saturday, 7:30 – 10:30 pm

**** ADMISSION ****

\$15.95 Adult / \$11.95 Youth (3 – 12)

Includes two planetarium shows

Seniors & Students receive a discount of \$3.00 off Adult admission rate

Military Rate: \$9.50 adult/\$7.50 youth
(Military personnel & immediate family)

Evening telescope viewing only: Free

Chabot Space & Science Center, a Smithsonian affiliate, and Bay Area Certified Green Business, is a 501(c)(3) nonprofit interactive science center whose mission is to inspire and educate students of all ages about Planet Earth and the Universe. Founded in 1883, the Center is located at 10000 Skyline Blvd. just off Highway 13 in the Oakland hills. For more information, visit www.chabotspace.org.

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SPECIAL EVENTS & CLASSES

Black History Month

(Saturdays and Sundays in February) Free with General Admission

Celebrate the diverse contributions of all STEM contributors. Take a flight in our simulated space craft and learn about the contributions of African American astronauts, hear an address to Chabot's visitors and teen volunteers from NASA administrator, Charles Bolden. The video welcome will be played every weekend in the month of February.

Moonlight Hike

Friday, February 3 (5:00-8:30pm) \$7

Hike through the redwoods in twilight and moonlight on a moderately strenuous 4-5 mile hike. Hikes are led by an experienced hiker and Chabot educator and feature discussions about the natural environment and events and objects in the sky. Bring water and a flashlight. Wear sturdy shoes or hiking boots and dress in layers.

Tyke Explorers

Tuesdays, February 14, 21, and 28 (10am, 12pm, or a new time- 3pm)

Expand your preschooler's universe by enrolling in our Tyke Explorers Program. Kids get to bring a special grown up to share the excitement of science and space. Classes are 50 minutes long. Themes vary each session. Guests \$12/ \$10 each additional child. Members \$9/ \$5 each additional child Register: 510-336-7373.

Theme: Through the Art of Eric Carle

February 14 - The Very Hungry Caterpillar

A fat, happy caterpillar + sleep = A beautiful, colorful butterfly. Learn about the science behind the magnificent metamorphosis from caterpillar to butterfly through the timeless work of Eric Carle's classic children's book "The Very Hungry Caterpillar."

February 21 - Little Cloud

It's a bird...It's a plane...It's a cloud! Explore the skies and learn about the different types of clouds that fill up the deep blue yonder.

February 28 - The Mixed-Up Chameleon

The chameleon is just one of the amazing creatures that is able to blend in with its surrounding. Get to know some of the experts at hide-and-seek of the animal kingdom.

Slumber with the Stars

Friday, February 10 (6pm-10am Saturday, February 11)

Spend a night under the stars along with some really cool exhibits. Join us for Slumber with the Stars, Chabot's family night out. An overnight in our museum includes games, exhibit exploration, shows, hike and viewing through our historic, large telescopes (weather permitting). An experience your family will remember for a lifetime. We require a minimum of one adult for every five children. Minimum age of participants is 5 years old. \$75 Members/\$85 Guests. Advance reservations required. To register call (510) 336-7373.

Love X Infinity Weekend

Saturday-Sunday, February 11-12

The universe is a very romantic place. Chabot celebrates love with weekend activities including a chance to fly a simulated space mission with your loved one, celebrate a successful landing back on earth with an elegant dinner for two, science of love crafts and demonstrations, and even Venus, the goddess of love herself, will be making an appearance in our night sky and featured in our live planetarium show, Cosmic 360. Please visit our website for details on dates and times for these activities.

Valentines' Day Love Missions

Saturday, February 11 (4pm & 6pm)

Sunday, February 12 (1:30pm & 3:30pm)

Celebrate with your valentine and take a simulated space mission to the Red Planet. The package includes all access pass to Chabot, plus chocolates, fizzy Martian beverage, and a souvenir of your trip.

Guests \$85/ Members \$80 per couple

Science of Love Activities

Saturday, February 11 (11am-5pm) Free with General Admission

Discover the secrets behind the science of chocolate, the ancient Maya who cultivated it and why we associate it with love. Stop by the craft center and make your own valentine for that special someone.

NightSchool: Detention

Friday, February 17 (7pm-11pm) \$15 general admission, \$5 members. 18 years old and up.

Where do you go when you get busted for bad behavior? Detention of course! But just like those cool Breakfast Club kids who made detention rock, Chabot's NightSchool is for the leaders in science cool, not for the misguided of school. Indulge in a night of acting up and acting out with our misfit science activities including graffiti taggin', tattoo making and more mad science.

Black History Month Celebration

Saturday, February 18 (11am-5pm)

Visit the "Out of this World" lab where recorded biographical interviews of African Americans pioneers from the early days of the space program will be shown throughout the day. "Race and the Space Race" is narrated by astronaut Mae Jemison. Participate in online scavenger hunts about the participants featured in the videos. Play the Chabot-produced Expedition to Mars board game, which features famous African American Astronauts. Visit Galaxy Explorers in action with activities celebrating the life and inventions of Scientist, George Washington Carver.

Simulated Space Missions

Saturday, February 18 (1pm and 3pm)

Public missions in Chabot's Challenger Learning Center and a short presentation in the briefing room highlighting the contributions of African American astronauts. 8 years old and up. All children under 14 must be accompanied by an adult. Missions are \$10 + General Admission.

President's Day/Ski Week Extended Hours

Monday, February 20 through Thursday, February 23 (10am-5pm), Friday, February 24 and Saturday, February 25 (10am-10pm), Sunday, February 26 (10am-5pm)

Member Movie Night

Sunday, February 26 (5:30pm)

Cozy up in the MegaDome Theater for this Members-only screening of the movie Contact. Free for members; reservations required as space is limited. Call (510) 336-7373.

Moonlight Hike

Friday, March 2 (5:00pm-8:30pm) \$7

Hike through the redwoods in twilight and moonlight on a moderately strenuous 4-5 mi hike. Hikes are led by an experienced hiker and Chabot educator and feature discussions about the natural environment and events and objects in the sky. Bring water and a flashlight. Wear sturdy shoes or hiking boots and dress in layers. To register call (510) 336-7373.

NASA Family Night: Destination Station

Friday, March 9th (6pm-9pm) Free with General Admission

Destination Station is NASA Johnson Space Center's national awareness campaign that promotes research opportunities, educates communities about activities performed on the International Space Station, and communicates the real and potential impacts of the station on our everyday lives. This special NASA visit to Chabot will include Astronaut presentations, autographs, demonstrations and craft activities for the whole family.

Tyke Explorers

Tuesdays, March 13, 20, and 27 (10am, 12pm, or a new time- 3pm)

Expand your preschooler's universe by enrolling in our Tyke Explorers Program. Kids get to bring a special grown up to share the excitement of science and space. Classes are 50 minutes long. Themes vary each session. Guests \$12/ \$10 each additional child. Members \$9/ \$5 each additional child Register: 510-336-7373.

Theme: Secret Garden

March 13 - Season for Sprouts

What do tiny sprouts need to grow? Explore the necessities for plants to grow and how different parts of a plant support its needs. Investigate the reasons for the seasons in one year and how that relates to our leafy green friends.

March 20 - Apples to Apples

Apple juice! Applesauce! Apple cider! Apple pie! Snack on a little apple science and take a different and closer look at the delicious apple fruit.

March 27 - Wiggle, Wiggle, Wiggle

Welcome to the wonderful world of worms! Work with worms and discover the important role they play as they wiggle through the soil that supports our living planet Earth.

NightSchool- Extra Credit

Friday, March 16th: (7pm-10pm) \$15 general admission, \$5 members. 18 years old and up.

2012: The Future. Curious what your future holds? NightSchool's Extra Credit will examine the future from many angles including scientific, spiritual, technological and philosophical. What better place to toy with big kid questions than at a super cool science center with colossal telescopes, fascinating exhibits, great food, drinks and plenty of friendly smart people to postulate with!

Women's History Celebration

Saturday, March 17 (11am-5pm) Free with General Admission

Visit the "Out of this World" lab where recorded biographical interviews of Women pioneers from the early days of the space program will be shown throughout the day. "Rocket Girls and Astronettes" is narrated by astronaut Mae Jemison. Participate in online scavenger hunts about the participants featured in the videos. Play the Chabot produced Expedition to Mars board game, which features famous female Astronauts.

Future Fridays -Brian David Johnson

Friday, March 23 (6pm-7:30pm)

A series of community conversations with science and futurist thought leaders. The first speaker in the series is Brian David Johnson. The future is Brian David Johnson's business. As a futurist at Intel Corporation, he develops an actionable vision for computing in 2020. His work is called "future casting"- using ethnographic field studies, technology research, trend data, and even science fiction to provide Intel with a pragmatic vision of consumers and computing. He is the author of *Screen Future, The Future of Entertainment, Computing, and the Devices We Love*. Brian has also directed two feature films and is an illustrator and commissioned painter. Advance ticket holders will receive a complimentary copy of Brian's recent book *The Tomorrow Project Anthology - Conversations About the Future* (2011). Tickets: \$20 Members / \$23 Guests (\$29 at the door, no discounts & subject to availability) Series Tickets (all four speakers): \$66 Members / \$78 Guests. Ticket proceeds help underwrite the educational programming at Chabot. This series is proudly sponsored by Rudney Associates

Upcoming Future Fridays Speakers:

Friday, April 20 - Ben Burtt- Sound Designer and Director at Lucasfilm/Pixar.

Friday, May 11 - Bill Nye the Climate Guy- scientist, engineer, comedian, author, and inventor and driving force behind the Bill Nye's Climate Lab exhibition at Chabot Space & Science Center,

Friday, November 2 - Ray Jayawardhana - a professor and Canada Research Chair in observational astrophysics at the University of Toronto.

NanoDays

Saturday, March 31 (11am-5pm) Free with General Admission

NanoDays is filled with a dozen new activities. At a billionth of a meter find out how the physics of every day materials dramatically change allowing incredible new applications. Meet a local real NanoScientist. Grab your passport to the world of tiny things to explore gold, butterflies, sun block, electricity and so much more. Complete the book for a prize.

Earth Hour

Saturday, March 31 (8:30-9:30pm) Free with General Admission

On Earth Hour hundreds of millions of people will come together to call for action on climate change by doing something quite simple—turning off their lights for one hour. Chabot will join the world's largest global climate change event and so can you. We will be shutting off most of our lights at 8:30pm. Join us on our observatory deck to watch the Bay Area go dark! Visit earthhour.org for more information about getting involved.

Tyke Explorers

Tuesdays, April 3, 17, and 24 (10am, 12pm, or a new time- 3pm)

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Theme: Celebrate Earth Month

April 3 - Geology Rocks!

Rocks have humble beginnings in the belly of bellowing fiery mountains. Understand why geology "rocks" through an explosive adventure of volcanoes, rocks and their connection.

April 17 - The Circle of Water

Our home planet is a habitable paradise floating through the emptiness of space, where liquid water is abundant on its surface, covering approximately 70% of Earth. Let us take a ride along the water cycle and explore the importance of the amazing molecule.

April 24 - Tree of Life

Chabot Space and Science Center is nestled safely among the beautiful redwoods. We will take a mini-hike with our mini-scientists and discover the life history of some of the majestic trees in the forest.

Moonlight Hike

Friday, April 6 (6:00pm-8:30pm) \$7

Hike through the redwoods in twilight and moonlight on a moderately strenuous 4-5 mi hike. Hikes are led by an experienced hiker and Chabot educator and feature discussions about the natural environment and events and objects in the sky. Bring water and a flashlight. Wear sturdy shoes or hiking boots and dress in layers.

Spring Break Hours Begin

Monday, April 9- Sunday April 15

Monday-Thursday 10am-5pm, Friday and Saturday 10am-10pm, Sunday 10am-5pm.

Simulated Space Missions

Tuesday, Wednesday, Thursday, April 10-12 (1 OR 3pm)

Go to Mars for Spring Break! Fly a simulated mission to Mars in Chabot's Challenger Learning Center during Spring Break. 8 years old and up. All children under 14 must be accompanied by an adult. Missions are \$10 + General Admission.

Earth Day Celebration

Saturday, April 14 (11am-5pm) Free with General Admission

Discover clever new ways to reuse old materials to create crafts, household objects and even clothing. Bring your gum wrappers, toilet paper rolls and wine corks for extra credit.

Future Fridays- Ben Burtt

Friday, April 20 (6pm-7:30pm)

A series of community conversations with science and futurist thought leaders. The second speaker in this series is Ben Burtt- Sound Designer and Director, Lucasfilm/Pixar. Ben has won four Academy Awards for Sound Effects in such films as E.T., Indiana Jones and the Last Crusade, Raiders of the Lost Ark, and Star Wars Episode IV: A New Hope, for which he created the sound of the lightsabers by mixing the humming sound of his TV set - tuned between channels - with the sound of an old 35mm projector. Ben was a physics major and has enjoyed an illustrious career in the motion picture industry for over 30 years. "Sound Effects in the movies are there to create an illusion, says Burtt, "But behind all this sonic 'make-believe', I exploit scientific principles to create special noises." Tickets: \$20 Members / \$23 Guests (\$29 at the door, no discounts & subject to availability) Series Tickets (all four speakers): \$66 Members / \$78 Guests. Ticket proceeds help underwrite the educational programming at Chabot. This series is proudly sponsored by Rudney Associates

Upcoming Future Fridays Speakers:

Friday, May 11 - Bill Nye the Climate Guy- scientist, engineer, comedian, author, and inventor and driving force behind the Bill Nye's Climate Lab exhibition at Chabot Space & Science Center,
Friday, November 2 - Ray Jayawardhana - a professor and Canada Research Chair in observational astrophysics at the University of Toronto.

NightSchool: Field Trip

Friday, April 20 (7pm-11pm) \$15 general admission, \$5 members. 18 years old and up.

The coolest part of school was being out of school and going on Field Trip. Take a field trip to Chabot and celebrate Earth month with an invigorating night hike, contribute to science, race to find climate change solutions in our award-winning Climate Lab and connect with earth-friendly people and ideas over music, drinks and locally grown food.

Cosmos 360 – Hunting the Winter Skies

Friday, December 23 (Friday & Saturday evenings- 7pm & 9pm)

Lift off for a cosmic adventure exploring the stars and other celestial objects of our winter skies! Cosmos 360 is a live presentation in Chabot's digital-dome planetarium. Join us on a quest to find our place in the vastness of time and space as we hunt through cosmic chasms and quasars, peer into the dark heart of a monster galaxy, and swim through a great cloud that is the birthplace of stars. With an expert guide and cutting-edge astronomical visuals, Cosmos 360 reveals the workings of the Universe from new perspectives.

Space Day

Saturday, May 4 (11am-5pm)

Hands-on activities and demonstrations involving space and space travel. Register to win a telescope from Astronomy Magazine. Dress up in a space themed costume and receive a special Chabot prize. Free with General Admission. Fly simulated missions in the Challenger Learning Center®, with launch times at 1pm and 3pm for ages 8 & up. Missions are \$10 plus admission and registration is required. Register by calling the Box Office at (510) 336-7373.

Future Fridays- Bill Nye

Friday, May 11 (6pm-7:30pm)

A series of community conversations with science and futurist thought leaders. The third speaker in this series is scientist, engineer, comedian, author and inventor Bill Nye The Climate Guy. Bill is a man with a mission: to help foster a scientifically literate society, to help people everywhere understand and appreciate the science that makes our world work. Bill Nye is also the Executive Director of the Planetary Society, the world's largest space interest organization. He is the driving force behind the Bill Nye's Climate Lab exhibition at Chabot Space & Science Center, where visitors learn how to be a climate scientist, while showcasing the humor and education skills of the Emmy Award-winning personality. Tickets: \$20 Members / \$23 Guests

(\$29 at the door, no discounts & subject to availability) Series Tickets (all four speakers): \$66 Members / \$78 Guests. Ticket proceeds help underwrite the educational programming at Chabot.

This series is proudly sponsored by Rudney Associates

Upcoming Future Fridays Speakers:

Friday, November 2 - Ray Jayawardhana - a professor and Canada Research Chair in observational astrophysics at the University of Toronto.

Mother's Day Brunch

Sunday, May 13 (11am-2pm) Open Seating

Treat Mom to a delicious brunch at Chabot's Skyline Bistro, then spend the afternoon exploring our interactive exhibits, watching a show, and looking through our telescopes.

Brunch: \$15 Guests/\$13 Moms& Members/ \$10 Children + general admission

Check www.ChabotSpace.org for menu.

NightSchool

Friday, May 18 (7pm-11pm) \$15 general admission, \$5 members. 18 years old and up.

Give Yourself Some Extra Credit. At NightSchool, students of life can explore, imagine, create and mingle in an incredibly inspiring and magical setting. Themes and activities reflect current events, favorite pastimes and playful experiences, each celebrating the unique, resourceful and exciting community of the East Bay. Get back to school and unleash your inner nerd, spark a new hobby, hobnob with artists and experts, enjoy a show, and relax and contemplate your place in the universe!

Annular Solar Eclipse

Sunday, May 20 (5pm-8:30pm)

An annular solar eclipse is different from a total solar eclipse. During an annular solar eclipse, the full Moon doesn't completely block out the Sun because the Moon is too close to the Earth to fully block out the Sun. View the event safely through solar telescopes and other safe viewing devices.

Chabot is open for Memorial Day

Monday, May 28 (10am-5pm)

Celebrate Memorial Day at Chabot Space & Science Center

Save the Date

Monday, June 4 Partial Lunar Eclipse, visible from Chabot.

Tuesday, June 5 Venus transit. The planet Venus passes in front of the Sun. The next time this will happen is in 2117.

EXHIBITIONS

ONGOING EXHIBITIONS

Beyond Blastoff: Surviving in Space

Take a glimpse into the life of an astronaut and experience the mixture of exhilaration, adventure, and confinement that is living and working in space. Try out astronaut exercise gear and space tools. Take a photo of yourself in a weightless environment and email it to your friends on Earth. Perform tasks on a rolling sled, simulating the zero gravity of space. Learn how astronauts cope with the physical and mental challenges of weightlessness, isolation, and a grueling workload. Artifacts include a Russian Mir Space Station toilet, a Soyuz reentry (descent) module, space suits used during space walks, launches and landings. Multimedia exhibits simulate the view of Earth as seen looking out the window of the International Space Station.

Bill Nye's Climate Lab

Inspired and powered by the renewable energy of kids, Chabot's new permanent exhibition, Bill Nye's Climate Lab features Emmy-award-winning Bill Nye the Climate Guy® as commander of the Clean Energy Space Station, and invites visitors on an urgent mission to thwart climate change. Beginning with a view of Planet Earth from space, visitors explore air, water, and land galleries to discover how climate change affects Earth's connected systems, and how to use the Sun, wind, land, and water to generate clean energy. Board a hot-air balloon, imagine diving into the ocean in an underwater research vessel, and learn how scientists decipher our planet's climate history with samples of ancient ice, trees, and mud. The immersive, hands-on activities will boost climate literacy and demonstrate energy-saving strategies for daily life. Visitors will use Climate Scout ID cards to track their progress and collect "energy solutions" as they operate a wind turbine, take a bike ride with Bill Nye, and design energy-efficient buildings.

Chabot Observatories: A View to the Stars

Explore the history of the Chabot Observatories and how its historic telescopes are used today. Daytime visitors can virtually operate a telescope, experiment with mirrors and lenses to understand how telescopes create images of distant objects, and travel through more than a century of Chabot's history via multimedia kiosks, historical images, and artifact displays

Tales of the Maya Skies

Chabot's *Tales of the Maya Skies* digital full-dome show features the scientific achievements and cosmology of the Maya. The companion exhibit includes graphic panels and two interactive exhibits that supplement the digital full-dome show and engage families. Learn about Maya glyphs and even draw your own as you discover the extremely accurate Maya calendar and the rich culture of the Maya. The exhibit presents the ancient Maya civilization, cosmology, math, language and writing, including the significance of the year 2012 in their calendar.. The exhibit is displayed bilingually in English and Spanish.

Destination Universe

Take a journey from our Sun to the farthest reaches of the cosmos! Along the way, you'll see where stars are born, how they die, meet nebulae of all kinds, and travel to distant galaxies. Experience the Origins Theater; crawl into a black hole; see what happens when galaxies collide; and view stunning space images!

One Giant Leap: A Moon Odyssey

For all astronaut wannabees— take a simulated Moon-walk, try on a space helmet, climb into a Mercury capsule, and land a lunar module in this new hands-on exhibit that explores the legends and science fiction about the Moon; the Space Race and the Moon landings; and the Earth-Moon system. Learn what the Moon is made of, how it affects the Earth, what causes Moon phases, gravity on the Moon, and more. You can even take a look at an ancient piece of the Moon up close! The exhibit includes space artifacts and replicas, from Sputnik and Mercury to Gemini and Apollo.

WEEKEND HANDS-ON ACTIVITIES

Daytime Telescope Viewing

Saturday & Sunday, 1 – 4 pm

FREE with General Admission

Don't wait until dark! View the Sun, the Moon, and Venus (when visible) through the telescopes during the day. Hands-on solar viewing, see and count sunspots, solar telescope viewing. (weather permitting)

Discovery Lab

Saturdays and Sundays, 10am – 5:00 pm

The Discovery Lab is a place especially for the younger crowd, ages 7 and under.

The lab is a hands-on, open classroom-style exhibit in an environment where you and your child can interact through play and inquiry. Take time out to experience, explore, stop and think and wonder, spend time together, listen to a story, try on a costume, have fun with friends and clean up when done! FREE with General Admission; drop-in lab

Galaxy Explorers Hands-On Fun

Saturdays, 11am – 4 pm

FREE with General Admission

These fun, hands-on activities invite your child to learn by seeing and exploring. Activities and demonstrations vary per weekend and are subject to change.

- **Meteor Right/Meteor Wrong:** Teaching visitors how to determine the difference between rocks and meteors through a matching game.

- **Astronaut Diaper**

Learn how astronauts are able to extend their space walks by wearing specialty diapers. Learn what they're made of and the magic of the super absorbent polymer inside.

- **Cladistics**

Use your observation skills to identify similarities and differences among a group of skulls. Determine if the skulls are similar to other skulls based on various characteristics. Advanced students will be able to hypothesize how certain physical adaptations benefited the organisms.

- **Science of Waves (Extended Stay):** Learn how energy produces waves in various forms, mechanical, sound, light and more.

- **Dry Ice Comets:** Teaching visitors about comets, where they come from and what they're made of by watching the creation of a simulated comet.

- **Light Decoders**

Learn how astronomers determine what stars are made of using the spectrum of light produced by gases. No rocket required for this mission, just your light decoders.

- **pH Testing Chemistry w/Dry Ice**

Become a kitchen chemist by experimenting safely with dry ice.

- **Mineral Detective**

Visitors will become mineral detectives as they determine the composition, hardness, and classification of rocks and minerals.

- **Rock Classifications**

Visitors will become geologist as they learn to distinguish the differences between sedimentary, metamorphic and igneous rocks.

- **Water Rockets (afternoons – weather permitting through Labor Day)**

Make and learn the essential parts key to a rocket's success. Then blast off to the starry skies using just water and air as fuel.

- **Dino's Alive**

Dig up the past with our amazing dinosaur activities.

- **Solar Cars** Make solar powered cars with Legos™ and watch them go—powered by the Sun!

- **Pocket Sundials/Sun Tracker**

Make your own pocket sundial to tell time by the light of the sun.

- Ultra Violet Light

Visitors will become mineral detectives as they determine the composition, hardness, and classification of rocks and minerals.

- Special Activities celebrating the International Year of Astronomy including: learning the phases of the Moon, Moon craters, Saturn Crafts, Solar System Bracelets (mornings only), Galaxy Crafts and Constellation Crafts.

Digital Full-Dome Planetarium Shows

(All show times listed on our website www.chabotspace.org)

Astronaut

The exploration of space is the greatest endeavor that humankind has ever undertaken. What does it take to be part of this incredible journey? Experience a rocket launch from inside the body of an astronaut. Explore the amazing worlds of inner & outer space, from floating around the International Space Station to maneuvering through microscopic regions of the human body. Narrated by Ewan McGregor. Suitable for kids. (*Running Time 25 minutes*)

Dawn of the Space Age

Just as the Space Race began, Dawn of the Space Age starts with the launch of Sputnik and includes important Russian space history as well as the American Gemini, Apollo and Shuttle programs. The show transports viewers to the International Space Station, the X-prize winning private space ship and on to future Mars exploration. Be immersed and overwhelmed with this most accurate historic reconstruction of Man's first steps into space. Who were these men and women that took part in these dangerous, heroic endeavors? Witness their drive, their passion, and their perseverance to explore, in this epic realistically animated production. (*Running Time 30 minutes*)

Hunting the Winter Skies-Cosmos 360

(Friday & Saturday evenings- (6:30pm & 8:30pm) through March 17

Lift off for a cosmic adventure exploring the stars and other celestial objects of our winter skies! Cosmos 360 is a live presentation in Chabot's digital-dome planetarium. Join us on a quest to find our place in the vastness of time and space as we hunt through cosmic chasms and quasars, peer into the dark heart of a monster galaxy, and swim through a great cloud that is the birthplace of stars. With an expert guide and cutting-edge astronomical visuals, Cosmos 360 reveals the workings of the Universe from new perspectives.

Spring Skies Alive! -Cosmos 360

(Friday & Saturday evenings- (6:30pm & 8:30pm) beginning March 23

On Earth, springtime is a time of life. Lift off for a cosmic adventure exploring the planets and stars of spring! We'll marvel at the season's jewels of the night, and visit celestial spots where scientists think extraterrestrial life could exist. With an expert guide and cutting-edge astronomical visuals, the Cosmos 360 series reveals the workings of the Universe from new perspectives. A new live presentation debuts in our digital-dome planetarium every three months.

Secret of the Cardboard Rocket

Two young adventurers turn an old cardboard box into a rocket and with the help of a magical book and their vivid imaginations blast off on an awesome journey to the most amazing places in the Solar System. Gasp in amazement at the huge planet Jupiter, find out what Saturn's rings are made of and discover the secret of the cardboard rocket. The show has been upgraded for digital full-dome systems and provides an excellent introduction to the nine planets of our Solar System. Especially for ages 5 to 10. (*Running Time 38 minutes*)

Tales of the Maya Skies

Immerse yourself in the beauty of the “seventh wonder of the modern world,” Mexico’s Chichén Itzá. Hear the story of the ancient Maya civilization. Experience Tales of the May Skies, a new digital full-dome planetarium show produced by Chabot Space & Science Center. Narrated by Grammy Award winner and Oscar nominee Lila Downs, *Tales of the Maya Skies* transports us to the jungles of Mexico, presenting the rich history and culture of the ancient Maya. Using the latest three dimensional laser scanning and advanced graphic techniques, *Tales of the Maya Skies* weaves together the richness of Maya culture, stories, science and contributions to our way of life. (English, Spanish, and Mayan language screenings.)

Two Small Pieces of Glass

Celebrating the International Year of Astronomy, this show examines the history of the telescope, beginning 400 years ago, with Galileo’s discoveries. Two modern day students attend a star party and learn how the telescope has helped us understand our place in space and how telescopes continue to expand our understanding of the Universe. The students see how telescopes work and how the largest observatories in the world use these instruments to explore the mysteries of the universe. With a soundtrack recorded by the London Symphony Orchestra, the show is an entertaining and informative introduction to the world of astronomy and space. (*Running time 25 minutes*)

Tien MegaDome Theater Shows

Dinosaurs Alive

A global adventure of science and discovery featuring the earliest dinosaurs of the Triassic Period to the monsters of the Cretaceous "reincarnated" life-sized for the giant screen. Audiences will journey with some of the world's preeminent paleontologists as they uncover evidence that the descendents of dinosaurs still walk (or fly) among us. From the exotic, trackless expanses and sand dunes of Mongolia's Gobi Desert to the dramatic sandstone buttes of New Mexico, the film will follow American Museum of Natural History (AMNH) paleontologists as they explore some of the greatest dinosaur finds in history. Through the magic of scientifically accurate computer-generated animation, these newly discovered creatures, and some familiar favorites, will come alive in a big way! Suitable for families. (*Running Time 40 minutes*)

Mysteries of Egypt

Experience the magic and majesty of Egypt as never before. Soar over the great pyramids of Giza, cross the deathly quiet Valley of the Kings, and descend into the shadowy chambers of the sacred tomb of King Tutankhamen. Suitable for families. (*Running Time 40 minutes*)

SolarMax

(Available for school group visits.)

93 million miles just got a whole lot closer. Featuring live images of the Sun and footage from around the world of solar observatories of the past, present, and future, Solarmax tells of humankind's struggle to understand the Sun. Travel around the world to visit historical sites of sun worship, see scientists studying the Sun, and view the majesty of a total solar eclipse. Suitable for families. (*Running Time 40 minutes*)

To Be An Astronaut

Venture inside the gates of NASA to experience the rigors of astronaut training, from the initial contact at a distant research outpost, through the frantic countdown of missions, to the heart-stopping launch into space. Shot entirely on location and starring the men and women of NASA, To Be An Astronaut honors the many people who work together to create a successful mission. Suitable for families. (*Running Time 25 minutes*)

CHABOT SPACE & SCIENCE CENTER FACTS

Location

10000 Skyline Blvd., Oakland, just off Highway 13 in the Oakland Hills, 10 minutes from downtown Oakland.

Hours

Closed Mondays and Tuesdays. Open Wednesday and Thursday 10 am – 5 pm; Friday–Saturday, 10 am – 10 pm; Sunday, 10 am – 5 pm;

Evening Telescope Viewing -Friday and Saturday evenings (weather permitting):

Nov. – April 7:30 – 10:30 pm

May– Nov. Dusk – 10:30 pm

Daytime Telescope Viewing-Weekends

Saturday and Sunday 1pm –4pm (weather and targets permitting)

Admission

(includes two planetarium shows, plus free parking):

\$15.95 Adult / \$11.95 Youth (ages 4-12); Children 3 and under admitted free

Seniors & Students receive a discount of \$3.00 off Adult admission rate.

Military Rate: \$9.50 adult/\$7.50 youth (Military personnel & immediate family)

Tickets

Tickets may be purchased at the door, on the web at www.chabotspace.org or by calling (510) 336-7373.

Group Ticket Sales

Groups of 12 or more qualify for group rates with advanced reservations made at least two weeks in advance. Call (510) 336-7311 or email groupsales@chabotspace.org for reservations.

Memberships

Memberships are available on-line at www.chabotspace.org/membership or at the front desk, or call the Box Office at (510) 336-7392, or email membership@chabotspace.org

The Skyline Bistro

When Chabot is open, so is The Skyline Bistro, with fresh, daily specials, sandwiches and other delights.

Disabled Access

Chabot Space & Science Center is wheelchair accessible. A limited number of wheelchairs are available without charge on site. Designated parking is available near the main entrance. Assisted listening devices are available in the Planetarium and the MegaDome Theater.

Parking

Complimentary parking in our parking structure. Spaces for disabled visitors are located near the main entrance (outside of parking structure).

Directions

AC Transit

AC Transit offers limited weekday service to Chabot Space & Science Center from the Fruitvale BART Station via Line 339. Bus stops along the 339 Line route are located at the intersections of Fruitvale Avenue & MacArthur Boulevard and Lincoln Avenue & Monterey Boulevard. Weekend bus service is not available.

From Downtown Oakland or San Francisco: Go east on I 580 to Highway 24 (towards Walnut Creek). From 24, go south on Highway 13 (Warren Freeway) towards Hayward. Take the Joaquin Miller/ Lincoln Avenue exit. Turn left and proceed up the hill on Joaquin Miller to the crest, then turn left at the signal onto the two-lane portion of Skyline Blvd. Chabot Space & Science Center is 1.3 miles up Skyline on the right.

From Eastern Berkeley, Orinda etc.:

Go south on Highway 13 (Warren Freeway) towards Hayward. Take the Joaquin Miller/ Lincoln Avenue exit. Turn left and proceed up the hill on Joaquin Miller to the crest, then turn left at the signal onto the two-lane portion of Skyline Blvd. Chabot Space & Science Center is 1.3 miles up Skyline on the right.

From Hayward, Castro Valley and points East: Go west on I 580 and take the Highway 13 (Warren Freeway) turnoff. Take the Joaquin Miller/Lincoln Avenue exit. Turn right, and proceed up the hill on Joaquin Miller to the crest, then turn left at the signal onto the two-lane portion of Skyline Blvd. Chabot Space & Science Center is 1.3 miles up Skyline on the right.

From East Contra Costa County (Orinda/Walnut Creek,): Take Highway 24 West to Highway 13 South (toward Hayward). Take the Joaquin Miller Road exit, turn left and proceed up the hill on Joaquin Miller to the crest, then turn left at the signal onto the two-lane portion of Skyline Blvd. Chabot Space & Science Center is 1.3 miles up Skyline on the right.

From West Contra Costa County (Albany/Richmond): Take I-80 West to Highway 24 East (toward Walnut Creek) to Highway 13 South (toward Hayward). Take the Joaquin Miller Road exit, turn left and proceed up the hill on Joaquin Miller to the crest, then turn left at the signal onto the two-lane portion of Skyline Blvd. Chabot Space & Science Center is 1.3 miles up Skyline on the right.

From the South Bay: Take I-880 North to Highway 238 East. Take I-580 West, then take Highway 13 North (toward Berkeley). Exit at Joaquin Miller Road and turn right. Drive up the hill, turn left onto Skyline Boulevard. Chabot Space & Science Center is 1.3 miles up Skyline on the right.

From the North Bay/Marin County: From Highway 101, take I-580 East (Richmond/ San Rafael Bridge East) to I-80 West, to Highway 24 East (toward Walnut Creek) to Highway 13 South (toward Hayward). Take the Joaquin Miller Road exit, turn left and proceed up the hill on Joaquin Miller to the crest, then turn left at the signal onto the two-lane portion of Skyline Blvd. Chabot Space & Science Center is 1.3 miles up Skyline on the right

From Sacramento: Take Highway I-80 West, merge onto Highway I-680 South, (toward San Jose/Benicia) take CA- 24 West (toward Oakland/Lafayette), and take CA-13 South (toward Hayward), exit at Joaquin Miller Road and turn right. Drive up the hill, turn left onto Skyline Boulevard. Chabot Space & Science Center is 1.3 miles up Skyline on the right.

From Napa: Take CA-12 East/CA-29 South, merge onto CA-37 East via the ramp to I-80/San Francisco/Sacramento, take the exit onto I-80 West toward San Francisco, continue on I-580 East (signs for San Jose/I-580/Downtown Oakland/Hayward/I-880/Stockton/Alameda), take the exit onto CA-24 East . toward Walnut Creek, take CA-13 South (toward Hayward), exit at Joaquin Miller Road and turn right. Drive up the hill, turn left onto Skyline Boulevard. Chabot Space & Science Center is 1.3 miles up Skyline on the right.

From San Joaquin County: Take I-580 West, take exit 26A to merge onto CA-13 North/Warren Fwy toward Berkeley, take the Joaquin Miller Rd exit, drive up the hill, turn left onto Skyline Boulevard. Chabot Space & Science Center is 1.3 miles up Skyline on the right.

Info/Phone

(510) 336-7373

Website

www.chabotspace.org

Social Media

www.facebook.com/ChabotSpace

www.twitter.com/ChabotSpace

www.youtube.com/ChabotSpace

www.BillsClimateLab.org

www.twitter.com/BillsClimateLab

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