FREE SCHOOL PRESENTATIONS
March 27th - 29th at Michigan State University

TUESDAY, MARCH 27

Eli and Edythe Broad Art Museum

If there’s one thing that artists and scientists have in common, it is the ability to think creatively. Tour the MSU Broad as we explore what happens when art and science collide in unexpected ways. Afterwards, we'll engage in a hands-on art activity and put our creative thinking skills to work!

9:30 AM and 11:30 AM

For availability and reservations, please contact Katherine Liles, bamedu@msu.edu

Abrams Planetarium

Our Place in Space

While solving a crossword puzzle about the sky, Scarlet Macaw and her friends explore the cause of day and night, the importance of our star the Sun, the beauty of the constellations, and the variety of objects that make up the Universe.

9:30 AM and 11 AM

(Pre K -2nd grade)

For availability and reservations, please contact Abrams Planetarium at (517) 355-4676
National Superconducting Cyclotron Laboratory

PEOPLE WILL PAY YOU TO LEARN THINGS and other thoughts on research science careers

MSU’s National Superconducting Cyclotron Laboratory (NSCL) is one of the world’s leading rare isotope research facilities. Inside, researchers regularly smash nuclei together at nearly half the speed of light. How? It takes physicists, chemists, mathematicians, plumbers, welders, machinists, computer scientists... find out what kinds of jobs are needed to make cutting-edge science work!

9:30 AM (9th – 12th grade)
11 AM (3rd – 8th grade)
250 student capacity

For reservations, please contact Zach Constan, constan@nscl.msu.edu

High Performance Computing Center (iCER)

How Supercomputers Work

MSU’s supercomputer Laconia can perform half a quadrillion floating point operations per second! Supercomputers can perform arithmetic tasks very quickly. This makes them really useful for modeling new drugs, epidemics, hurricanes, galaxies, the human brain and other jobs that require many calculations. Find out what makes a supercomputer fast through short videos, games and a hands-on exploration of the computer hardware.

11 AM (6th - 12th grade)

For availability and reservations, please contact Camille Archer at archer5@msu.edu
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Abrams Planetarium

Sky Tellers Season and Moon

Listen to stories of the stars told by Native American Master Storytellers. In this show, you will hear two stories. "Spring Defeats Winter" retold by Joseph Bruchac (Abenaki) and "The Girl Who Married the Moon" retold by Gayle Ross (Cherokee).

9:30 AM, 11 AM

(3rd – 6th grade)

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9:30 AM (1st - 5th grade)
11 AM (6th - 12th grade)

For availability and reservations, please contact Camille Archer at archerc5@msu.edu

THURSDAY, MARCH 29

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9:30 AM and 11:30 AM

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Abrams Planetarium

Phantom of the Universe

Join us as we showcase an exciting exploration of dark matter, from the Big Bang to its anticipated discovery at the Large Hadron Collider. See the first hints of its existence through the eyes of Fritz Zwicky, the scientist who coined the term "dark matter." From there explore the astral choreography witnessed by Vera Rubin in the Andromeda Galaxy and then plummet deep underground to see the most sensitive dark matter detector on Earth, housed in a former gold mine. Finally journey across space and time to the Large Hadron Collider at CERN, to learn how scientists around the world are collaborating to track down the constituents of dark matter.

9:30 AM and 11AM
(Grades 8 and up)

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