



NUMBERS IN NATURE
**A MIRROR
MAZE**

NOW TOURING

TRAVELING EXHIBITIONS

 museum of
science+industry
chicago



INFINITE AMAZEMENT

One of the many definitions of "design" is: a decorative pattern. The greatest designer of all ...Mother Nature. Part form and part function, nature's patterns are as calculated as they are resplendent. A Mirror Maze provides an immersive and hands-on look at the mathematical equations behind the patterns found in ourselves, the culture and nature.



"The mirror maze was such a hit for our kids we went through it again and again."

- EXHIBIT GUEST



IT'S AN EXPERIENCE OF MATH THAT IS HARDLY BY THE NUMBERS.

DO THE MATH, SEE THE PATTERNS:

Guests will pass a display of images from nature and hidden patterns will emerge. They'll see more examples in a large-screen film. When they enter the mirror maze, they'll literally step inside a massive pattern: a dizzying, seemingly infinite sea of triangles to navigate and find the secrets inside ... including the way out. The journey is completed in an interactive gallery where they'll uncover the patterns in their own bodies and in centuries of music, art and architecture.





INTERACTIVES INCLUDE:

- **Discovering Patterns:** Reveal patterns in natural objects through drawing.
- **Vitruvian Man:** A large mirror overlays the patterns in your own body.
- **Symmetry in Music:** Harp and guitar strings show ratios between string lengths and notes.
- **Pattern Recognition:** Manipulate 3D objects in virtual space to see the pattern within.
- **Digital Drawing:** Draw each of the four key mathematical patterns.
- **Explore Patterns:** Spin browsers reveal content behind mathematical patterns.
- **World Architecture Timeline:** Match famous architecture with its pattern.

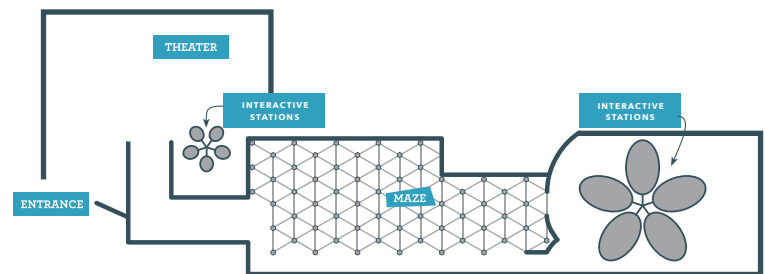


EXHIBIT HIGHLIGHTS

GET LOST IN THE MAZE:

The enthralling centerpiece of this math lesson is a giant mirror maze—a sea of equilateral triangle chambers that will make you feel like you've stepped into a kaleidoscope. The mirror maze itself is a pattern, combining several characteristics of geometric patterns: repetition, symmetry and tessellation. Unexpected dead ends trigger intriguing questions and a hidden chamber provides more surprises.



HOSTING REQUIREMENTS

Size: 6,000 to 8,000 square feet, modular.

MARKETING RESOURCES

With the exhibition rental, institutions will receive a robust kit of marketing resources created by the Museum of Science and Industry, Chicago.

EDUCATIONAL MATERIALS

Created to support the Next Generation Science Standards, teacher field trip resources and online programming will offer valuable in-depth content tailored to student audiences.

EXHIBIT TOUR

FALL 2021 AND BEYOND

Inquire for availability

MAY 2021 - AUGUST 2021

Denver Museum of Nature and Science

OCTOBER 2019 - SEPTEMBER 2020

Frost Museum of Science

FEBRUARY 2019 - SEPTEMBER 2019

TELUS World of Science

OCTOBER 2018 - JANUARY 2019

Las Vegas Springs Preserve

JUNE 2018 - SEPTEMBER 2018

Arizona Science Center

FEBRUARY 2018 - APRIL 2018

Boston Museum of Science

CONTACT

ANNE RASHFORD

anne.rashford@msichicago.org
(773) 947-3743