



## **New Feature Exhibition *A Mirror Maze: Numbers in Nature* Opens at TELUS World of Science on February 22**

### **1,800-Square-Foot Mirror Maze and Interactive Elements Allow Visitors to Explore Mathematical Patterns in the Natural World**

#### **FOR IMMEDIATE RELEASE**

**Vancouver, BC, February 11, 2019**—Revealing the beauty of our world through numbers, beginning February 22, Science World will be hosting their new feature exhibition, ***A Mirror Maze: Numbers in Nature***. Featuring an 1,800-square-foot elaborate mirror maze and hands-on interactive elements, this engaging and immersive exhibition highlights the mathematical patterns that abound in the natural world—from the delicate nested spirals of a sunflower’s seeds to the layout of the universe—providing a unique perspective of our daily surroundings.

“We are thrilled to be bringing the fascinating travelling exhibition ***A Mirror Maze: Numbers in Nature*** to British Columbia. This exhibition strongly aligns with our mission to ignite wonder and empower dreams through science and nature,” says Dr Scott Sampson, President and CEO, Science World. “This highly interactive exhibition will provide fun and hands-on experiential learning opportunities to our visitors.”

Created by the Museum of Science and Industry, Chicago (MSI), ***A Mirror Maze: Numbers in Nature*** invites visitors to explore the mathematical patterns that exist in our world through engaging experiences, including:

- **Introduction to Patterns in Our World**—Visitors will learn to identify numerical patterns that surround them every day through imagery, an immersive theatre presentation and an interactive area.
- **The Mirror Maze**—Guests will experience a pattern of triangles that repeat in a dizzying array of mirrors. This fascinating, yet challenging, space will envelop guests within what appears to be an endless pattern—1,800 square feet of maze. Dead ends are scattered throughout and hidden within this self-guided experience is a small secret room. Finding it rewards guests with bonus puzzles, imagery and artifacts that expand the connection to mathematics.
- **Hands-on Discovery**—This section of the exhibition engages visitors in hands-on activities where they can explore patterns in nature, in themselves and in music, art and architecture.

#### **Patterns in Nature:**

- Draw patterns on a digital screen—like connecting dots to draw spirals and create Fibonacci rectangles—and see real-world objects that show that same pattern.

- Learn how fractal patterns are used to make computer-generated landscapes, such as intricate mountain ranges, in movies.

**Patterns in Yourself:**

- Step in front of a large mirror and strike various poses while a projection superimposes patterns and proportions on your body in real time.
- Look through an eyepiece to observe how blood vessels branch within your eyes.
- Compare similar patterns that appear in the human body and in nature.
- Observe just how much symmetry—or lack thereof—is present in the human face.

**Patterns in Music, Art and Architecture:**

- Compose a piece of music using symmetry: vary a single musical motive and hear your creations played back.
- Create a musical scale with mathematical proportions using a playable harp.
- Discover and compare similar patterns in architecture from varying parts of the world—from the Taj Mahal to the Beijing National Stadium—built millennia apart.

The exhibition also features an array of artifacts—Bighorn sheep horns, honeycomb and an aluminum anthill casting—that demonstrate real examples of patterns in objects from the natural world.

*A Mirror Maze: Numbers in Nature* will run until September 3, 2019.

- 30 -

**About Science World**

Science World is a BC-based charitable organization that engages the people of British Columbia in STEAM literacy. Their mission is to ignite wonder and empower dreams through science and nature. Their vision is that within a generation, Canada will be a country of thriving, sustainable communities rooted in science, innovation and a deep connection to nature.

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