

# STARDUST: THE UNIVERSE IN YOU



UNIVERSITY OF MINNESOTA DULUTH  
Driven to Discover™



FLYING FISH



# STARDUST

• The Universe in You •

Discover the marvels of the universe and the bonds that connect us through scientific concepts, hands-on exploration, and endless play.

# SECTIONS

THE STORY BEGINS  
FROM ATOMS TO STARS  
BUILDING GALAXIES  
SUPERNOVAS:  
EXPLODING ELEMENTS  
EARTH AND YOU:  
MADE OF STARDUST

# THEMES

ALL THINGS ARE  
INTERCONNECTED

THE HUMAN BODY AND  
THE ELEMENTS OF LIFE

WONDER AND  
AMAZEMENT

A SENSE OF  
SCALE AND TIME

# STARDUST

The Universe in You

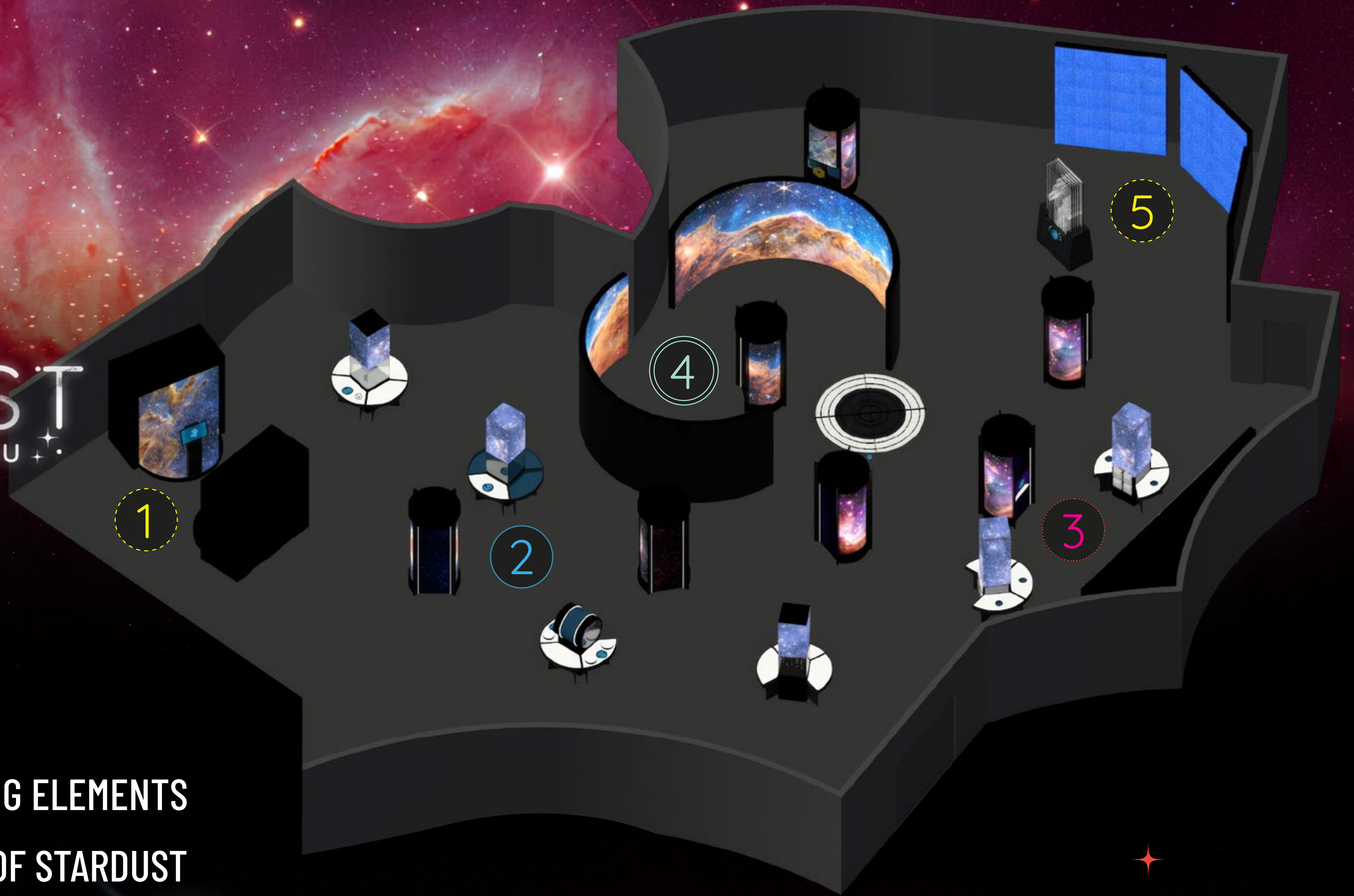
1 THE STORY BEGINS

2 FROM ATOMS TO STARS

3 BUILDING GALAXIES

4 SUPERNOVAS: EXPLODING ELEMENTS

5 EARTH AND YOU: MADE OF STARDUST





# THE STORY BEGINS

**CONCEPTS EXPLORED:**

- The Big Bang
- Energy

**INTERACTIVES**

**The Big Bang**

Experience the birth of the universe with a Hoberman sphere. Expand the sphere and visualize the incredible growth of our universe from a tiny point billions of years ago to the vast expanse it is today,

**MEDIA**

**Story of the Universe**

Explore the history of the universe from the Big Bang to the present through immersive projection stations, navigate a timeline, and visualize the cosmos.

# FROM ATOMS TO STARS

## CONCEPTS EXPLORED:

- Atoms
- Forces
- Star Formation

## Building with Atoms

Construct organic life forms using building toys that mimic atoms, helping visualize the composition of everything around us.

## Star Formation

Take a leading role in the simulation of a supernova's energy by using a set of drums to influence how that energy disrupts the balance of forces in a star-forming cloud, creating a new star in this thrilling holographic experience.

## Constellations

Journey through a constellation of stars to explore their various facets and locate the Orion constellation. Discover the three-dimensional nature of the universe and how our view of the night sky is shaped by our position.

INTERACTIVES

# BUILDING GALAXIES

## CONCEPTS EXPLORED:

- Galaxies
- Gravity

### Create a Galaxy

Color in your favorite galaxy shape, and scan the coloring sheet to see it animated. Galaxies of different shapes and sizes will come together in one "universe" in a large projection.

### Our Solar System

Take a deep dive into the solar system and explore a large-scale orrery showcasing all the planets and the sun. With the help of corresponding buttons, identify each planet and learn about their interactions with each other and the Milky Way.

## INTERACTIVES



# SUPERNOVAS: EXPLODING ELEMENTS

## CONCEPTS EXPLORED:

- Supernovas
- Elements
- Element Formation

## INTERACTIVE

### Exploring Elements

Uncover the magic of stardust hidden in everyday items! Choose an item and witness the elements that compose it come to life on the periodic table.

Understand how the elements of life are scattered throughout the universe during a supernova explosion, and how these elements combine to create all living and non-living things

## MEDIA

### Supernovas

Watch the beauty of an exploding star and learn how the elements it releases make life possible in this large scale immersive area.



# EARTH AND YOU: MADE OF STARDUST

## CONCEPTS EXPLORED:

- Elements Found in the Human Body
- Telescopes

### Elements in You

Explore the fascinating relationship between you and elements formed in stars. Interact with different layers of the human body to explore the presence of elements from stars in our bodies.

## INTERACTIVES

### Stardust in You

Experience the 'Stardust in You' by engaging with a wall of stardust that captures your silhouette as you move in this interactive visual projection.

### The James Webb Space Telescope

Using a model of the James Webb Telescope, explore essential images that have helped scientists understand the history of the universe. Telescopes enable us to observe distant events and objects, providing insight into that history without requiring specialized technology.

PERIODIC TABLE OF ELEMENTS

15



## ABOUT FLYING FISH



At Flying Fish, we believe exhibitions can do more. A leading producer of traveling exhibitions for over a decade, we collaborate with top museums and science centers to produce extraordinary, impactful experiences. With nearly ten million visitors worldwide, our exhibitions showcase the wonders of science, history, culture, and beyond. We are committed to making exceptional, authentic content accessible to all while generating sustainable revenue streams for our clients.

Through relentless innovation and expert logistical management, we enable museums and science centers to amplify their stories globally, expanding their reach and influence like never before. Whether it's developing a new exhibition or enhancing an existing one, Flying Fish is more than just a service provider—we are a trusted partner in elevating an institution's reach and impact.

For Museums. By Museums.

## SCIENCE ADVISOR



UNIVERSITY OF MINNESOTA DULUTH  
Driven to Discover

Alec T. Habig  
University of Minnesota Duluth  
Department of Physics and Astronomy

*Stardust: The Universe in You* is a traveling exhibition produced and toured internationally by Flying Fish, developed in collaboration with Spark Initiatives and supported by Cosmosphere.

## ABOUT SPARK INITIATIVES



Spark Initiatives is an organization whose mission it is to empower young people to discover the Infinite Potential that lies within them. Experiential Learning is one of the ways young people can begin to discover their potential. Spark Initiatives strives to help create environments in which a variety of Experiential Learning can take place.

## ABOUT COSMOSPHERE



The Cosmosphere is a Smithsonian Affiliated space museum featuring the largest collection of flown U.S. and Soviet-era space artifacts in the world. It also offers an internationally-recognized science education program offering one of the nation's premiere space summer camps.

For more information visit [cosmo.org](http://cosmo.org).

## SPECS

### Size:

5,000 sq. ft. scalable +/- 1500 sq. ft

### Freight:

Two (2) 53 ft. trailers (estimated)

### Production Time:

Ten (10) working days for installation;  
Seven (7) working days for deinstallation

### Languages:

American English & Latin American Spanish

### Tour Availability:

Summer 2025 and beyond

## BOOKINGS

 +1.651.207.8877

 [info@flyingfishexhibits.com](mailto:info@flyingfishexhibits.com)

 [flyingfishexhibits.com](http://flyingfishexhibits.com)