

MOSI Traveling Exhibit: *MAGNETICS: The invisible force*

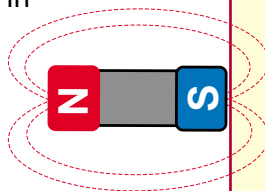


Exhibit Description

Magnetics: The Invisible Force is an upbeat, colorful exhibit showing magnetism as a Basic force in nature, how it affects us every day and how this energy is harnessed and applied in today's high-tech world.

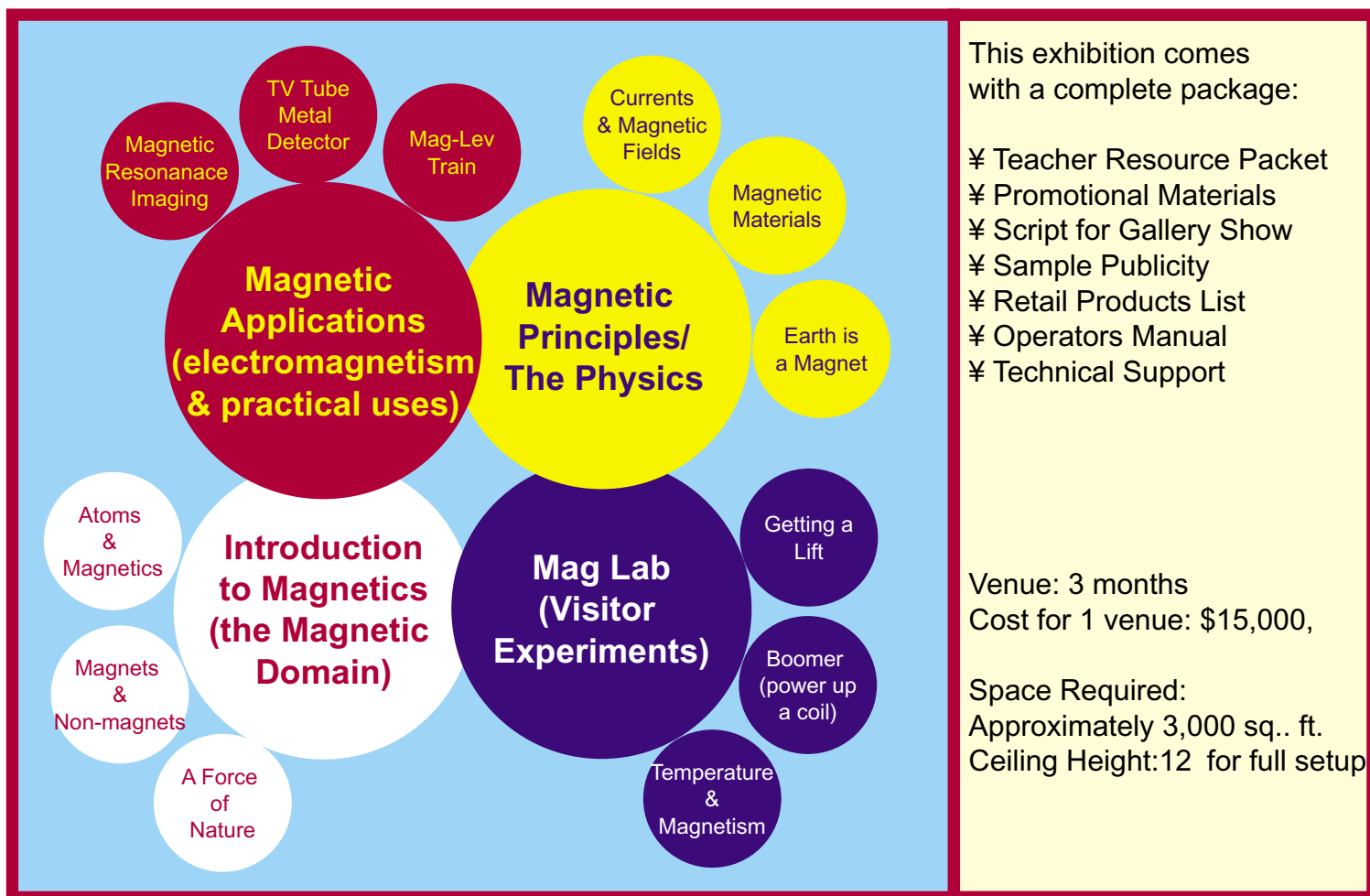
This exhibit leads the visitor through a chain of experiments and explorations to see magnetism at work. It makes an invisible force visible and real. Complicated physics and technology become fun. Introductory panels engage visitors, letting them see and feel what magnets are and where they exist in nature.

Visitors use laboratory experiments to understand magnets and explore with magnetic materials. Investigate the relationship between electricity and magnetism with interactives emphasizing practical applications for today with an eye to the future



What Visitors Do

- ¥ Listen to the sound of atoms as they become magnetized!
- ¥ Levitate an aluminum ring by using electromagnetism.
- ¥ Watch the Mag-Lev train glide down its track without touching it!
- ¥ Switch a switch, reverse polarity and watch the results.
- ¥ Generate an electric current simply by moving a magnet.
- ¥ Use a metal detector (it relies on electromagnetic induction)
- ¥ Experiment in the " Mag Lab." See what changes in temperatures do to the force of magnetism.
- ¥ Explore the dynamics of polar opposites.
- ¥ Make a motor spin by reversing polarity.



This exhibition comes with a complete package:

- ¥ Teacher Resource Packet
- ¥ Promotional Materials
- ¥ Script for Gallery Show
- ¥ Sample Publicity
- ¥ Retail Products List
- ¥ Operators Manual
- ¥ Technical Support

Venue: 3 months
 Cost for 1 venue: \$15,000,

Space Required:
 Approximately 3,000 sq.. ft.
 Ceiling Height:12 for full setup

For more information about this exhibit or MOSI's other traveling exhibitions, Deep Sea Treasures and Egypt, please contact:

Michel V. Handley,
 Exhibits Production Manager /
 Traveling Exhibits Manager
 MOSI (Museum of Science & Industry)
 4801 E Fowler Ave
 Tampa, FL 33617

Voice 813 987-6348
 Fax 813 987-6346
 email mhandley@mosi.org
 MOSI website
<http://www.mosi.org/exhibits/travelexh/html>

