

WORKSHOPS

Bring home a science souvenir from these hands-on workshops!

LEGEND



Duration



Minimum / Maximum
Number of Participants



Exhibit Connection



Science Souvenir

NAME OF WORKSHOP	GRADE LEVEL/S								
	P	K	1-2	3	4-6	7	8-9	10-12	UNI
BLAST OFF INTO THE UNIVERSE		•	•	•	•	•	•	•	•
GARDEN EXPLORERS	•	•	•	•					
TINY WORLDS				•	•	•	•		
EARTHLY IMPRINTS		•	•	•	•	•			
SUB-ZERO SCIENCE					•	•	•	•	
EGG SCIENCE					•	•	•	•	•
CSI 101 ACADEMY				•	•	•	•	•	



BLAST OFF INTO THE UNIVERSE

Explore the solar system and learn how astronauts use rockets to investigate space!



1 hour and 30 minutes



20-30 pax

KINDER TO GRADE 3

Characteristics of Planets and Other Objects in Space



Giant Orrery, The Sky is Falling, Space Shell



Bottle Rocket + Worksheet

Note: At least 1 adult per child participant required.

GRADE 4 TO 6

How Rockets Work



Space Shell, Moon, Einstein's Great Idea, Giant Orrery, Mars Rover



Bottle Rocket + Worksheet

GRADE 4 TO 6

Planet Plush **NEW!**



Space Shell, Moon, Einstein's Great Idea, Giant Orrery, Mars Rover



Planet Plush Toy **NEW!**

GRADE 7 TO UNIVERSITY

Rockets, Basic Engineering, Laws of Motion, Tinkering



Space Shell, Moon, Einstein's Great Idea, Giant Orrery, Mars Rover



Group Rocket (single-stage, 2-bottle rocket)

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Science Souvenir



GARDEN EXPLORERS

Observe and explore the life of plants and animals! Choose either a botanical garden outdoor adventure with the help of a magnifying glass or an immersive indoor virtual coral garden experience.



1 hour



15-20 pax

PRESCHOOL TO GRADE 3

Habitats, Observing the Environment, Differentiating Plants and Animals



Rooms of Life, Avenue of Life, Small Worlds Within: Cells, Big Small Wonders

Garden Cupcake or Coral Cupcake **NEW!**

TINY WORLDS

What's it like in the world of the very small? Zoom into different forms of microscopic life!



1 hour



20-30 pax

GRADE 3 TO 6

Discovering Microbe Shapes and Kinds, the Importance of Microorganisms

GRADE 7 TO 9

Basic Uses and Parts of the Microscope, Microscopy



Rooms of Life: Size and Shapes of Life, Relative Sizes, Inner Space Track, Life Under Your Skin, Gifts From the Past: Chromosomes, Small Worlds Within: Cells, Big Small Wonders, Life Net



Microbe Plush Toy

FOR MORE INFORMATION

909-MIND (6463)
www.themindmuseum.org
inquiry@themindmuseum.org

@themindmuseum



LEGEND



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Science Souvenir



EARTHLY IMPRINTS

Time travel back into the age of dinosaurs and make your own fossils or dino automaton!



1 hour



20-30 pax

KINDER TO GRADE 3

Fossils, Craters, Earth, Dinosaurs, Kinds of Rocks



How to Make a Fossil, Stan the T. rex, Mass Extinctions



Fossil Replica, Dino Coloring

GRADE 4 TO 7

Fossils, Craters, Earth, Dinosaurs, Kinds of Rocks



How to Make a Fossil, Stan the T. rex, Mass Extinctions



Dino Automaton **NEW!**



SUB-ZERO SCIENCE

Serve up some cool dry ice-ice cream and get to know the science of hot and cold with fun liquid nitrogen experiments!



1 hour



20-30 pax

GRADE 4 TO 6

Changes of Matter, Temperature, Molecules

GRADE 7 TO 12

Kinetic Molecular Theory, Acids and Bases, Gases



What's the Matter?, Alchemy to Chemistry, The Periodic Table, Atom Centerpiece



Dry ice-ice cream Tasting

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Science Souvenir



EGG SCIENCE

Play with the laws of motion and use them to protect your egg from a high drop!



1 hour and 30 minutes



20-30 pax

GRADE 4 TO UNIVERSITY

The Laws of Motion, How Things Move, Mass and Gravity



Here to There, Flight Technology



Group egg-protecting contraption + Eggsaver Certificate



CSI 101 ACADEMY

NEW!

How does science help in solving crimes? Solve a mystery by gathering evidence and using techniques in forensic science!



1 hour and 30 minutes



15-20 pax

GRADE 3 TO 6

The Case of the Missing Food

Impressions (Fingerprints & Shoeprints), Bite Mark Analysis



Life Under Your Skin, Big Small Wonders, Small World: Within Cells



CSI Junior Investigator Badge

GRADE 7 TO 12

The Case of the Stray Bullet

Blood Typing, DNA Extraction, Ballistics



Spelling Life (DNA), Inheritance, Small World: Within Cells, Canopy of Life, Math exhibits in Technology Gallery



CSI Junior Investigator Badge

Note: Grade 7-12 students will be asked to bring a scientific calculator.

SCIENCE SHOWS

Science Comes Alive with Exciting Experiment Demonstrations!

LEGEND



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Exhibit Connection

NAME OF SCIENCE SHOW	GRADE LEVEL/S								
	P	K	1-2	3	4-6	7	8-9	10-12	UNI
RAINBOW REACTIONS	●	●	●	●	●	●	●	●	●
SCIENCE WITH A BANG!					●	●	●	●	●
FROZEN SCIENCE	●	●	●	●	●	●	●	●	●
OUR CHANGING CLIMATE					●	●	●	●	●
FUN PHYSICS	●	●	●	●	●	●	●	●	●
BODY BUDDIES					●	●	●	●	●
CARNIVAL SCIENCE	●	●	●	●	●	●	●	●	●
UNDERSTANDING THE UNIVERSE					●	●	●	●	●
STARGAZING 101					●	●	●	●	●



RAINBOW REACTIONS

Be mesmerized with the science behind these colorful experiments! Combine different substances, concoct colorful solutions, and bring science to light!



45 minutes



20-200 pax

PRESCHOOL TO GRADE 3

**Colors, States of Matter, Practicing Healthy Habits
(Washing Hands & Taking Vitamins)**

GRADE 4 TO 6

**Phases of Matter, Weather, Density, Specific Heat
Capacity**

GRADE 7 TO 12

**Acid and Bases, Periodic Table of Elements, Polarity,
Antioxidants**

GRADE 9 TO UNIVERSITY

**Atoms, Compounds, and How They Interact With
One Another**



Carbon Exhibit, Everything is made up of Atoms, Atom Centerpiece, Lightbridge, What's the Matter, What is Light?, Air (Tornado Machine), The Periodic Table

LEGEND



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SCIENCE WITH A BANG!

Experiment with different household items and learn more about matter with a bang!



45 minutes



20-200 pax

GRADE 4 TO 6

States of Matter, Phases & Properties of Matter, Changes of Matter due to Oxygen and Heat Application, Effects of Force on Objects

GRADE 7 TO UNIVERSITY

Periodic Table of Elements, Kinetic Molecular Theory, Gas Laws, Molecules, Chemical Bonding



Everything is Made Up of Atoms, Atom Centerpiece, What's the Matter?, The Periodic Table

Note: This show comes with loud sounds and bright lights.



FROZEN SCIENCE

Find out how extremely low temperatures and other uniquely *cool* chemical factors affect matter.



45 minutes



20-200 pax

PRESCHOOL TO GRADE 3

Observing Hot & Cold, States of Matter, Observing Safety Practices

GRADE 4 TO 6

Phases & Properties of Matter, Types & Properties of Gases, Density, Facts and Layers of the Skin

GRADE 7 TO UNIVERSITY

Kinetic Molecular Theory, Cells, Acids & Bases, Metals, Elements, Substances, Compounds, Heat & Heat Transfer, Sound & Propagation through Matter



Frequency, The Periodic Table, What's the Matter?, Carbon Exhibit, Small Worlds Within: Cells, Life Under Your Skin

Note: Standard show comes with free tasting of **liquid nitrogen meringue candy** for each participant.

Upgrade option: **Liquid nitrogen ice cream tasting**, available upon request. Additional fees apply.

LEGEND

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OUR CHANGING CLIMATE

Journey with us to understand that climate change and global warming are real and how they affect our present and future!


 **45 minutes**  **20-200 pax**

GRADE 4 TO 6

How Clouds are Formed, Static Electricity and How it Relates to Lighthing, States of Matter

GRADE 7 TO UNIVERSITY

Cause and Effects of Climate Change, Global Warming, Sources of Renewable Energy, Ocean Acidification, Acids and Bases, Weather vs. Climate, Storm Foundation, Natural Calamities

 Philippine Hall of Science, Oceans, Whale Shark, Air (Tornado Machine), OmniGlobe, Recycling, Static Ball (Van de Graff), What's the Matter?



FUN PHYSICS

Learn how everything works by exploring the fundamental processes in nature, from the colorful science of light to the musical study of sound and acoustics and to the dynamic study of how transformations in energy make everything around us move.

 **45 minutes**  **20-200 pax**

ALL LEVELS

Electromagnetism, Optics, Basic Electronics, Pressure, Colors, Energy, Waves and Sounds

 Exhibits in the Atom, Universe, and Technology Galleries

Note: If you would like to focus on specific Physics topics, please advise when booking.

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BODY BUDDIES

Explore the wonders of the human body and its ability to adapt, repair, and fight back - all at the same time.

 **45 minutes**  **20-200 pax**

GRADE 4 TO 6

Adaptation, The Nose, How the Lungs Work, Senses, Human Body

GRADE 7 TO UNIVERSITY

Adaptation, Brain and the Spinal Column, Immune System, How the Lungs Work, Hormones and Enzymes, Senses, Human Body, DNA

 Life Gallery exhibits, Spinal Column in Technology Gallery



CARNIVAL SCIENCE **NEW!**

Find out how things that look magical can have explanations in science! By being curious and looking more closely and carefully, we can discover how things work and perform amazing tricks!

 **45 minutes**  **20-200 pax**

PRESCHOOL TO GRADE 3

Making Observations, Observing Safety When Performing Experiments

GRADE 4 TO 6

Sense Organs, Laws of Motion, Light and Color, Human Brain

GRADE 7 TO UNIVERSITY

Sense Organs, Laws of Motion, Light and Color, Human Brain, Cognitive Biases

 Math Pocket of Science in the Park, Light Bridge, Hologram, Beauty and Symmetry

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PLAYING WITH THE UNIVERSE NEW!

Choose your own adventure throughout the cosmos in an interactive play with celestial objects.

 **45 minutes**  **20-35 pax**

Note: Strictly 35 pax maximum.

GRADE 4 TO UNIVERSITY

Interactive Space Adventures NEW!

Choose from: **1) Planets in the Solar System**, **2) Black Holes and Other Strange Space Objects**, **3) Comets, Asteroids, and Dwarf Planets**, **4) Stars**, and **5) Exoplanets**

 Space Quest, Voyager, The Sky is Falling, Space Shell



STARGAZING 101

Explore patterns in the sky and use them to navigate, tell the time, and learn about the movements of the Earth, Moon, and planets!

 **45 minutes**  **20-200 pax**

GRADE 4 TO UNIVERSITY

Stargazing, Knowing the Constellations, Using Stars to Navigate and Tell the Time

 Phases of the Moon, The Sky is Falling, Space Shell, Giant Orrery

The Mind Museum also offers **sleepovers**, **camp**s, **CSI events**, and **Makerspace Pilipinas** tinkering workshops.

In need of a **customized** science educational program?
 E-mail marketing@themindmuseum.org.