



ENERGY

HOLIDAY PROGRAMME

15 JUNE - 07 JULY 2024

Join us for a mind boggling introduction to the ideas of energy, engage in specific energy types and practical energy sources. Associated hands-on activities that will help you identify energy types in their surroundings and enhance your understanding beyond on the concept of energy

Time & Venue	Saturday 29 June	Sunday 30 June	Monday 01 July	Tuesday 02 July	Wednesday 03 July	Thursday 04 July	Friday 05 July
10:00 - 10:20 Venue	Planetarium Show Exhibition Floor	Planetarium Show Exhibition Floor	Planetarium Show Exhibition Floor	Planetarium Show Exhibition Floor	Planetarium Show Exhibition Floor	Planetarium Show Exhibition Floor	Planetarium Show Exhibition Floor
10:30 - 11:15 Venue	Rubber Band Car Physics Lab	Peanut Punch Chemstry Lab	Who ate My Homework? Life Science Lab	Paper Roller Coaster Physics Lab	Lightning In a Bottle Physics Lab	Rubber Band Car Physics Lab	Sound Amplifier Physics Lab
11:30 -12:20 Venue	"The Three Bliiy Goats Gruff" Theatrical Performance Marie Curie	Hydrogen Fuel Cell Cars Floor Activity	"The Three Bliiy Goats Gruff" Theatrical Performance Marie Curie				
13:00 - 14:00 Venue	Science Show Marie Curie						
14:30 - 15:00 Venue	Planetarium Show Exhibition Floor	Planetarium Show Exhibition Floor	Planetarium Show Exhibition Floor	Planetarium Show Exhibition Floor	Planetarium Show Exhibition Floor	Planetarium Show Exhibition Floor	Planetarium Show Exhibition Floor
Time & Venue	Saturday 06 July	Sunday 07 July		FLOOR ACTIVITY		16 - 21 JUNE 2024	
10:00 - 10:20 Venue	Planetarium Show Exhibition Floor	Planetarium Show Exhibition Floor		EXHIBITORS			
10:30 - 11:15 Venue	Paper Circuit Physics Lab	Bottled Thermometer Chemistry Lab					
11:30 -12:20 Venue	"The Three Bliiy Goats Gruff" Theatrical Performance Marie Curie	Solar Cars Floor Activity					
13:00 - 14:00 Venue	Science Show Marie Curie						
14:30 - 15:00 Venue	Planetarium Show Exhibition Floor	Planetarium Show Exhibition Floor					



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	AGE	PRICE
A 'HOOT' of a time Explore with us as we zoom in, searching out who is at the top of the food chain? Who is a specialized and such a magnificent hunter.	6+	R10.00
Who ate My Homework? Can you be a crime scene investigator? How do we determine who was at the crime scene? Come and witness how we match "DNA" from the crime scene to the suspect.	13+	R15.00
Sound Amplifier Longitudinal or Transverse it may be, what do we need to demonstrate how sound can be amplified? Join us for this amazing hands-on activity...	8+	R10.00
Lightning in a bottle Is it possible to make Lightning from a bottle...how will that happen. Come join us for a different thunderstorm....	8+	R10.00
Paper Roller Coaster Fasten your seatbelts and get ready to discover the fascinating world of physics behind the thrilling rides	5+	R10.00
Peanut Punch Can peanuts be an alternative to fossil fuels? Can they be a useful source of biofuels? how much oil do they contain when weighing them..? Join us this holiday programme to witness if peanuts do pack a punch...	8+	R15.00
An Electric Scribbling Car It's sort of like a big loop, Come join us as we build a Scribbling car while learning the differences between open circuit and closed circuit.	6+	R15.00
Planetarium Shows Take a journey through our Solar System and Learn and explore about the planets that make up our Solar System and the objects around our sun	ALL	R10.00



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Bottled Thermometer Can you build your own thermometer...and be able to measure temperature accurately? Join us in exploring changes in types of energy taking place in the process	7+	FREE
The Three Billy Goats Gruff" Theatrical Performance Come hold-on to your horns and join the Three Billy Goats on their wild and wacky adventure, as they bravely cross the bridge to greener pastures. But who will they meet along the way as they TRIP TRAP TAP over the bridge?	4+	FREE
Solar Car Join us we power up a toy using light and explore the future of environmentally friendly cars	ALL	FREE
Paper Circuit Do you remember what is a circuit, how charges flow...what happens if the loop is broken, these are all questions you will ask yourself when you come join us in making your own circuit..	6+	R15.00
Science Shows Science is all around us; from the tiniest subatomic particles in a single atom of oxygen in the air, to the nuclear reactions that formed the immense ball of gas that is our sun and complex chemical interactions. Join us as we unpack these and experience colorful and explosive science!	ALL	FREE